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ARCTIC ICE DYNAMICS JOINT EXPERIMENT 1975-1976

PHYSICAL OCEANOGRAPHY DATA REPORT

SALINITY, TEMPERATURE AND DEPTH DATA

CAMP BLUE FOX

Volume 2

prepared by

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ABSTRACT

A total of 1391 STD (CTD) stations were taken from four manned drifting ice camps in the Arctic Ocean during the Arctic Ice Dynamics Joint Experiment (AIDJEX) from April 1975 to April 1976. Profiles were taken at least once a day from the surface to 750 meters at all camps and weekly casts to 3000 meters were taken at the main camp. Between casts all stations ran time series by holding the sensor at a fixed depth within the pycnocline; however, these data are not discussed. Plessey Model 9040 STD units were used at all camps and data were simultaneously recorded digitally on magnetic tape and graphically on analog charts.

The profile data from the digital tapes were smoothed using a running average. The differing response times of the temperature and salinity sensors were corrected for thermal lag by varying a lag correction until one value gave nearly congruent traces on a T-S diagram for the descending and ascending parts of the cast. A salinity drift which occurred when the sensors were stopped for bottle sampling was also taken into account during data reduction.

Whenever the digital data logging (DDL) system failed to work properly, manually digitized analog traces provided data backup. These profiles, however, are not considered to be as accurate as those processed from tape.

Static calibration of the temperature, salinity, and depth sensors was provided by bottle and reversing thermometer data. Least squares, best-fit polynomials, whose dependent parameters were temperature (T) and depth (D), converted the observed data to final data. Preliminary data analysis has revealed unique features of the temperature and salinity structure in the Beaufort Sea. One of these features is a wintertime upper mixed layer between 25 and 60 m produced by brine convection beneath the freezing ice sheet. This

layer changes from neutral to stable stratification in the summer when fresh water from melting snow and ice flows beneath the ice. Another feature is the step structure in both temperature and salinity at depths between 250 and 400 m. Individual steps are about 3 m in height. In this part of the Arctic Ocean there are mesoscale baroclinic eddies with unique temperature and salinity, as well as velocity signatures. These eddies are mostly found within the range of 50 to 400 meters. Deeper anomalies are observed to a depth of 700 meters, but because of the depth limitation of the STD, little is known about their lower structure.

This report pertains to the STD (CTD) data taken at the manned Camp Blue Fox. The STD data associated with the other three manned camps are in separate volumes (Bauer et al, 1980). Profiling current meter (PCM) data to a maximum depth of 200 meters were taken concurrently at the four camps and are separately reported by Manley et al, 1980.

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INTRODUCTION

The organization and aims of the Arctic Ice Dynamics Joint Experiment (AIDJEX), with particular emphasis on the STD program, have been discussed by Amos (1975). The originally planned array of four campsites was successfully maintained on drifting sea ice from April, 1975, until October, 1975, at which time severe ice activity forced abandonment of the main camp at Big Bear, central to the array. Activities continued at the three remaining satellite camps (Blue Fox, Snowbird and Caribou) until completion of the experiment in May, 1976.

Figure 1 shows the beginning and ending positions of the four manned camps with respect to the Alaskan and Canadian coastlines and are superimposed on the dynamic topography of the Beaufort gyre. The more detailed drift tracks, with beginning and ending dates in Julian days, are shown for each camp in Figures 2-5. Appendix 1 gives the conversion from Julian (AIDJEX) days to Gregorian time, which are used extensively in this report.

The physical oceanography schedule called for a minimum of one STD (CTD) cast per day to a depth of 750 m at each site, as well as a weekly cast to 3000 m at the main camp. Between casts, time-series measurements were taken with the sensors held at a fixed depth in the pycnocline. Plessey model 9040 STD systems with model 8400 digital data loggers were used throughout the experiment with one exception. The STD sensor at Caribou was replaced by a CTD sensor (also Plessey model 9040) in January 1976. A breakdown of the stations taken at the manned camps along with the beginning and ending dates of operations are listed in Table 1.

In general, the data reduction procedures have been adopted from methods developed at Lamont-Doherty by A. Amos and D. Georgi. Their methods are oriented to shipboard STD operation and have, by now, become relatively standard. Certain aspects of dynamic and static calibration will be discussed in some detail since they relate more specifically to STD performance in an arctic environment.

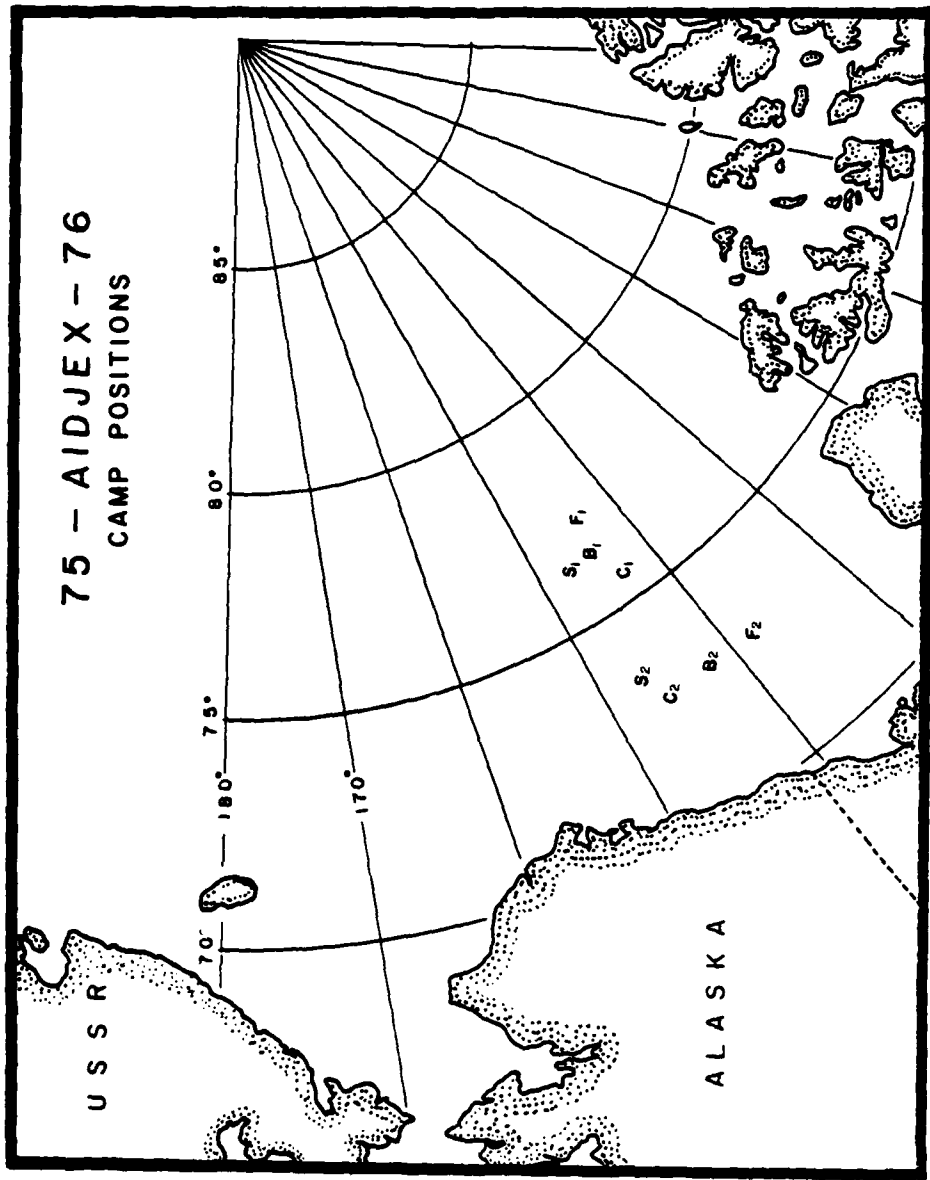


Figure 1 - Beginning and ending positions of the four manned AIDJEX camps Caribou (C), Blue Fox (F), Snowbird (S), and Big Bear (B) superimposed on the dynamic topography (dyn-m) of the Beaufort Sea (Newton, 1973). Subscripts 1 and 2 denote the beginning and ending positions of the camps respectively.

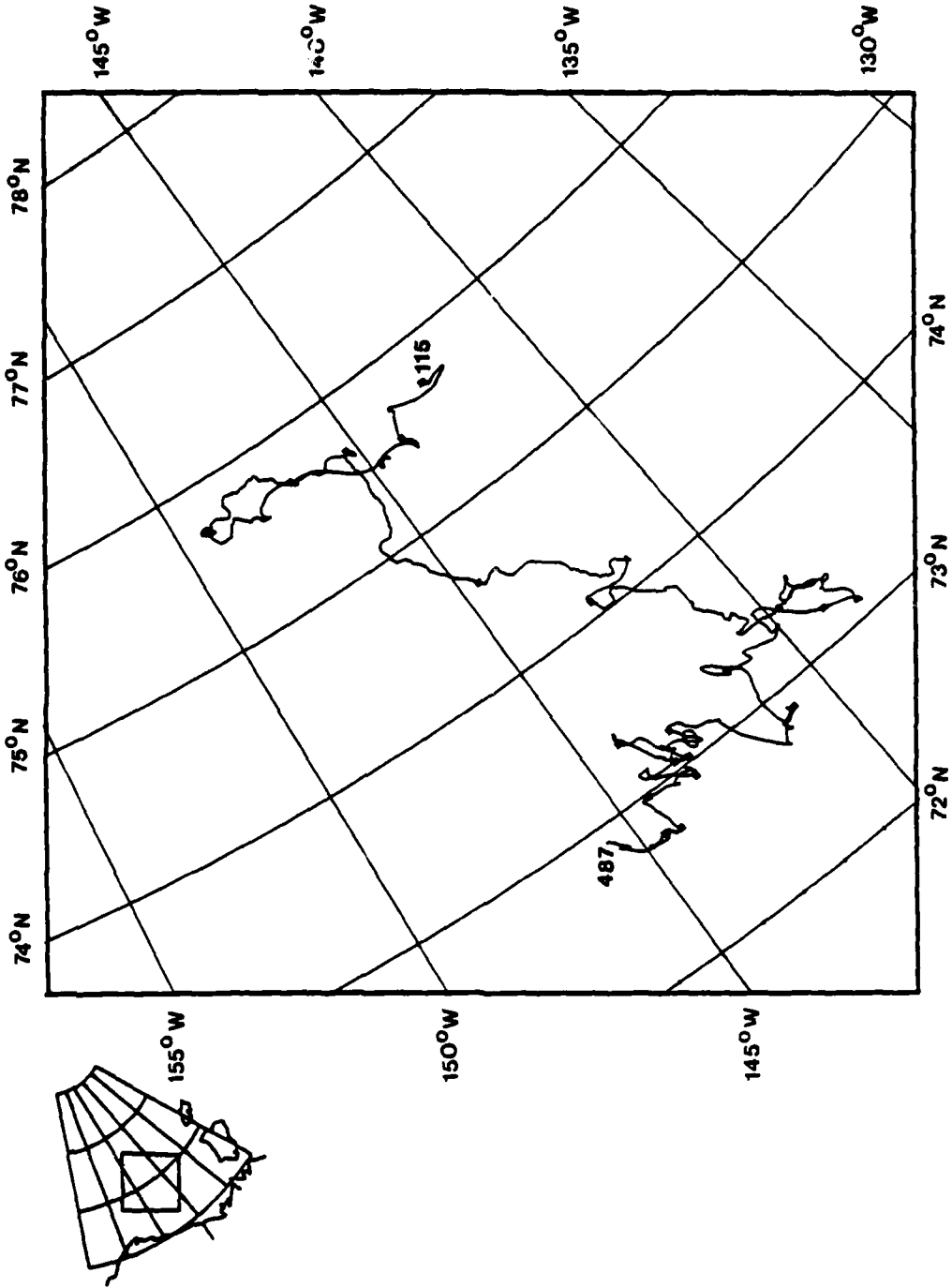


Figure 2 - Detailed drift track of the manned satellite Camp Caribou. In the early fall, Caribou became the main camp after the breakup of Camp Big Bear.

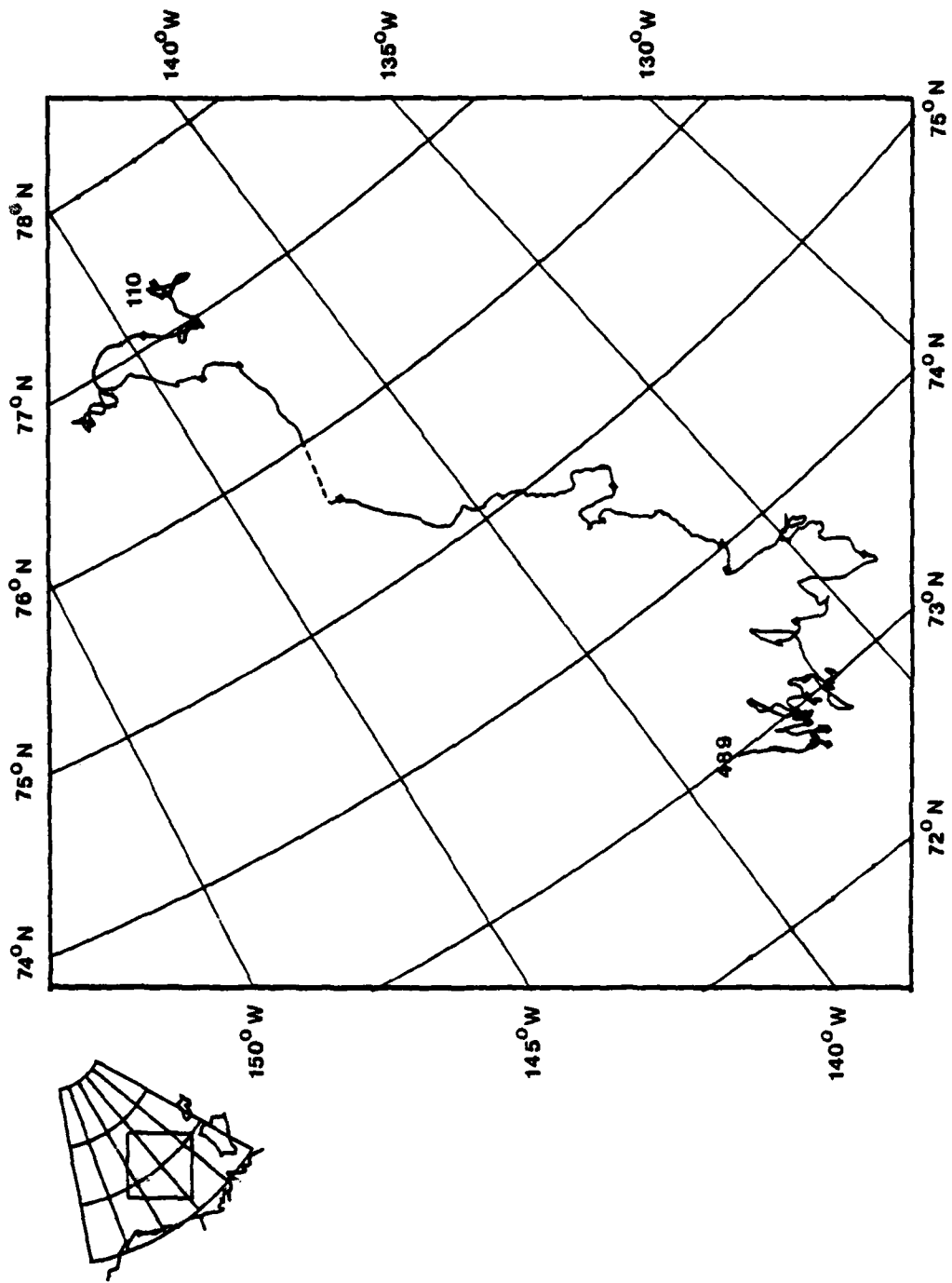


Figure 3 - Detailed drift track of the manned satellite Camp Blue Fox.

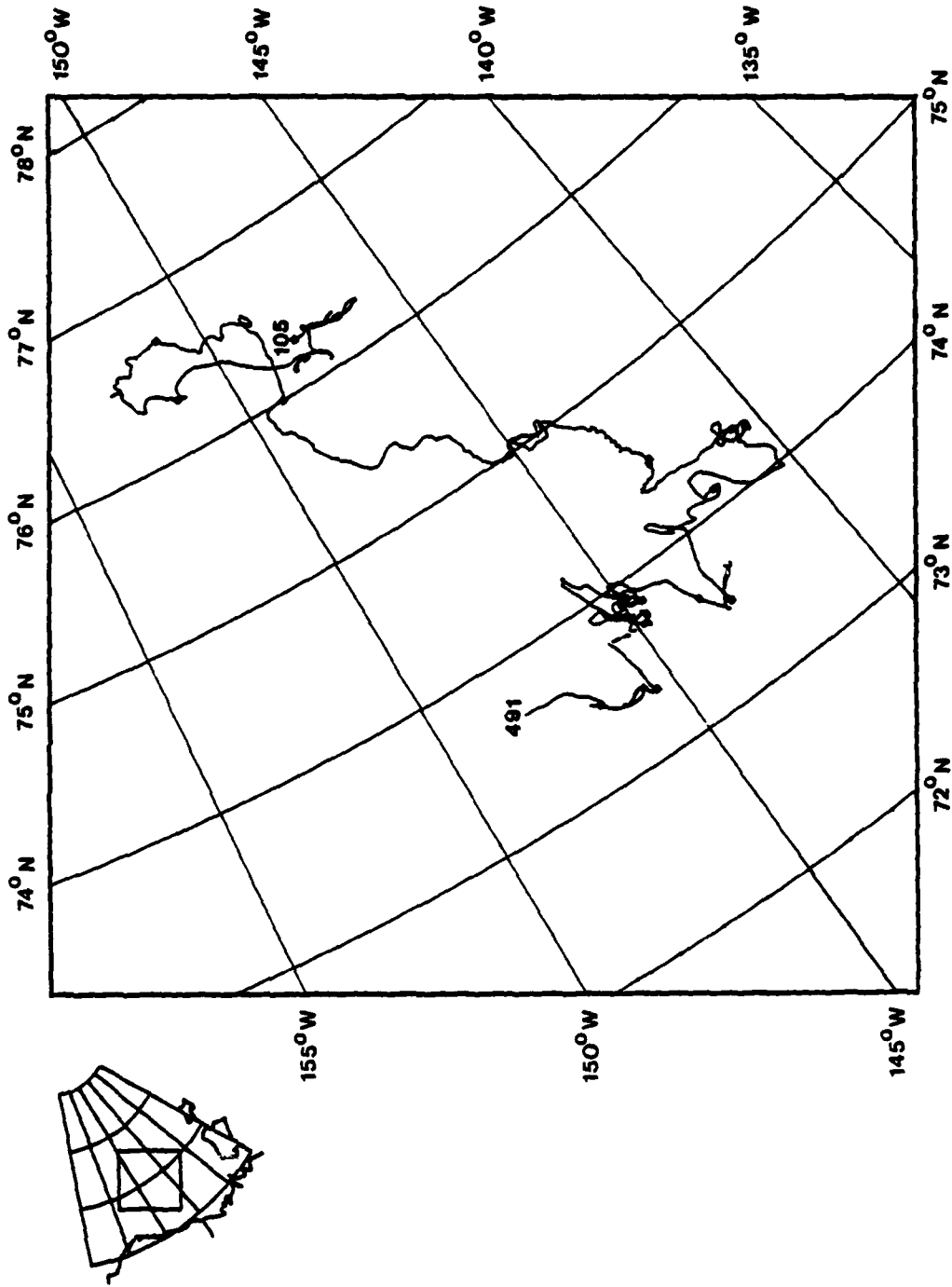


Figure 4 - Detailed drift track of the manned satellite Camp Snowbird.

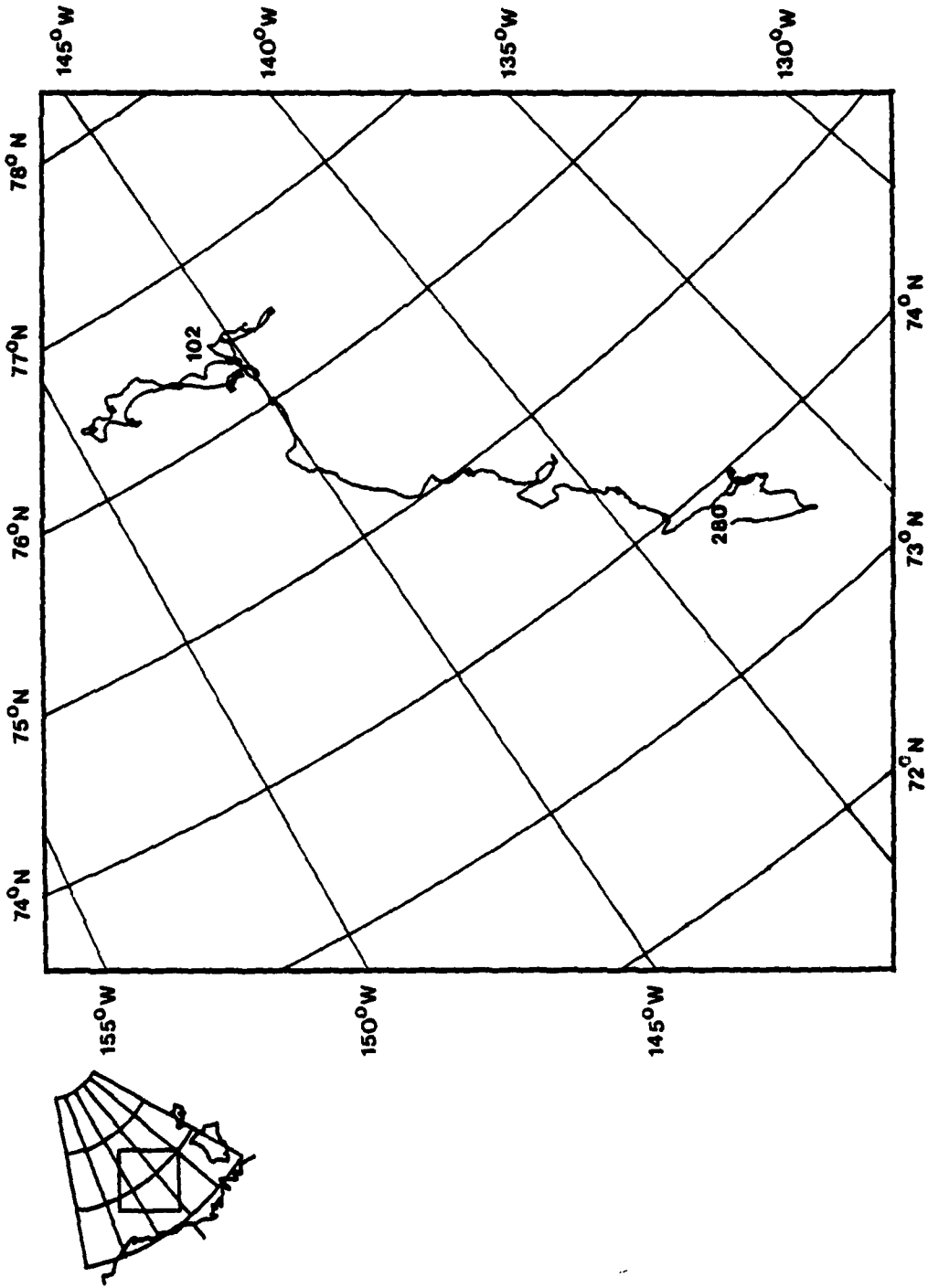


Figure 5 - Detailed drift track of the manned satellite Camp Big Bear. Near day 280, the camp was abandoned due to the breakup of the floe on which it resided.

TABLE 1
Breakdown of STD (CTD) Stations At The Individual Camps

CAMP	OCCUPATION DATE	EVACUATION DATE	TOTAL STATIONS TAKEN	PROFILING STATIONS USED	STATIONS REJECTED	TIME SERIES	DIGITALLY RECORDED STATIONS	MANUALLY DIGITIZED STATIONS
Caribou	6 Apr. 1975 (14 May 1975)	7 May 1976 (25 Apr. 1976)	852	416	30	406	245	171
Blue Fox	5 Apr. 1975 (10 May 1975)	4 May 1976 (20 Apr. 1976)	520	310	10	200	16	294
Snowbird	4 Apr. 1975 (16 May 1975)	6 May 1976 (20 Apr. 1976)	604	299	20	285	145	154
Big Bear	13 Mar. 1975 (4 Apr. 1975)	8 Oct. 1975 (1 Oct. 1975)	562	262	44	256	20	242

∞

Note: Paranthetical dates are those when STD data collection began and ended.
 "Digitally Recorded Stations" indicates profiling data taken from digitally recorded magnetic tape.
 "Digitized Stations" indicates those profiling stations whose analog charts were manually digitized for computer reduction.

BACKGROUND

From the time of Nansen's drift on the FRAM at the end of the 19th century, which marked the beginning of arctic oceanography, until planning for AIDJEX began in 1969, considerable information was collected on oceanographic parameters in the Arctic Ocean. This information was primarily salinity and temperature observations using classical water bottle and reversing thermometer methods at many locations. These data led to the identification of the primary water masses and gave some idea of their spreading throughout the basin (Coachman, 1963; Coachman and Aagaard, 1974).

Following the general classification of Coachman (1963), three distinct water masses are persistent throughout the Arctic Ocean. It is only in the subdivisions of the water masses that differences can be observed between the eastern and western Arctic Ocean. The major water masses and their subdivisions are listed below:

1) Surface Water (Arctic Water) - Extends to a depth of 200 meters and is generally low in salinity with temperatures usually less than -1.0 degree C. Below the mixed layer lies a very steep pycnocline which is primarily determined by salinity. Temperatures at these latitudes are at or close to the freezing point and vary only slightly. As a result, density is controlled mainly by salinity. Subdivisions within this Surface Water are:

a) A mixed layer of relatively low salinity which varies both seasonally and spatially. During the winter months, the mixed layer is well established due to wind and ice stress near the surface but more predominantly due to brine convection during the freezing of open water to form sea ice. Spatial variations in the mixed layer salinity appear to increase monotonically from the coast of Alaska (27 ppt) to Franz-Joseph Land (approximately 33 ppt) neglecting near coastal areas. Temperatures in the

mixed layer are at or very close to the freezing point. During the summer months, fresh water is added to the mixed layer via melting of the upper few feet of the permanent pack ice. Also, the winter mixed layer may be broken up into step-like features due to episodic events of fresh water addition and mixing, or may not exist at all.

b) The Pacific summer water is marked by a shallow temperature maximum confined to a depth range of 50 to 130 m. The maximum temperature varies from 0 to -1.5 degrees C, depending on the location in the western Arctic. The water has its origin from the Bering Sea as it enters through the Bering Straits and is further modified in the Chukchi Sea before being advected into the Arctic Ocean (Coachman and Aagaard, 1974). This water loses its identifying characteristics as it moves out of the Chukchi Sea into the deep Arctic Ocean due to lateral and vertical diffusion of heat and is, therefore, not seen in the eastern Arctic Ocean. During AIDJEX, a decrease of almost 0.5 degrees C was observed in the Pacific T-max layer over the course of the experiment.

c) Winter shelf water that has been advected along isopycnal surfaces and in the eastern Arctic occupies a layer from the base of the mixed layer to the upper reaches of the Atlantic water. In the western Arctic, this layer is directly under the Pacific T-max layer and is a local temperature minimum (approximately -1.5 degrees C) centered at approximately 175 meters.

2) The Atlantic layer extends from a depth of 200 to 900 meters. This water enters the Arctic Ocean via the Greenland-Spitzbergen passage. This layer has temperatures greater than 0 degrees C with a maximum temperature between 300 and 500 meters. In the upper section of this layer, salinity rapidly increases up to a depth of 300 meters where the vertical gradient in

salinity is substantially reduced. Salinity values are close to 35 ppt at a depth of 900 meters irrespective of spatial position.

3) Bottom water, which occupies the remaining water column, is at potential temperatures less than 0 degrees C. The potential temperatures in the Canada and Markarov Basins (-0.5 degrees C) are slightly warmer than the -0.9 degrees C. temperatures observed in the Amundsen and Nansen Basins. This is due to the shallow sill depth of the Lomonosov Ridge which prevents water deeper than approximately 1550 meters in the Eurasian Basin from entering the Amerasian Basin.

Prior to AIDJEX the data taken in different locations were generally not synoptic, but the stability of the density field allowed sections from different years to be combined. This led gradually to a knowledge of mean salinity and temperature fields and the general circulation of the water masses. The steady-state density and velocity fields came to be understood on the basin-wide scale. An important addition to knowledge on these scales was made by Worthington (1953), when he identified the clockwise Beaufort gyre which circulates in the area of the AIDJEX array.

Observations of some smaller scale features and transient phenomena were conducted from Fletcher's Ice Island (T-3) and from Station Alpha during the IGY. A number of intriguing oceanographic features were noted. Surface waves were detected in the ice-water system. These were of long period, 10-15 sec., but only millimeters in amplitude (Hunkins, 1962). Internal wave study with thermistor strings was also begun. Current meters of various types were deployed and there were early hints of the swift transient undercurrents at relatively shallow depths. Frictional effects beneath the ice also were investigated from pack ice near T-3 and a spiral behavior of the current

vector with depth was seen which closely followed the theoretical behavior predicted by Ekman many years earlier (Hunkins, 1966). There had also been detection of intriguing step structures in temperature in the depth range of 100-300 m (Neshyba et al., 1971).

THE OCEANOGRAPHIC FIELD EXPERIMENTS

In order to better determine scales of time and space for the important motions, as well as to test instruments and techniques, several pilot projects preceded the main AIDJEX project. In 1970 and 1971 hydrographic stations and current meter observations were made by participants from the University of Washington. Current meter profiling was conducted by the Lamont group at the 1971 camp. In 1972 a one-month comprehensive pilot project included a main and two satellite camps in a 100 km triangular array from which hydrographic stations were taken (Newton and Coachman, 1973). At the main camp, current profiles to 180 m (Hunkins, 1974 b, c) and continuous salinity and temperature profiles to 1000 m four times a day were taken. A unique oceanographic experiment, possible only on pack ice, was also conducted when Weber and Erdelyi (1976) measured changes in the tilt of the sea ice and fluid ocean with a hydrostatic level.

The 1972 project showed that the experiments planned for 1975-6 were feasible and pointed directions for improvement of instruments and techniques. The data, although only one month in duration, showed interesting and somewhat unexpected features.

The presence of energetic eddies with diameters of 10 to 20 km and speeds of up to 60 cm/sec was one of the most striking of these features (Hunkins, 1974 b; Newton, 1973). The 1972 project also stimulated efforts toward quantitatively assessing the drag of ice on the water. This led to such contributions as a momentum integral technique for direct measurement of this drag and to discussion of the drag produced by pressure ridge keels (Hunkins, 1974 a, 1975 a, b).

The oceanographic program for the main experiment of 1975-6 was designed to insure uniform observations at all four manned camps with supplemental observations at the main camp. Salinity and temperature were monitored with Plessey Model 9040 STD (CTD) systems. The satellite camp STDs were limited to a depth of 750 m by the winch systems and depth sensors. The main camp was limited to 3000 m by the depth sensor. Data were recorded digitally on magnetic tape with Plessey Model 8400 digital data loggers (DDL) and also graphically on charts. Casts were taken twice each day to 750 m at all four camps on a synchronized schedule. A weekly cast to 3000 m was made at the main camp. Between casts the sensors were suspended in the steep density gradient at about 50 m to record a time series of fluctuations.

Profiles of relative current speed and direction were also measured twice each day between the surface and 200 meters at each of the four camps. Times of the stations were designed to correspond as closely as possible to the STD stations taken at the camp. Final absolute velocity data at each of the four manned camps have been published (Manley et al, 1980 a, b, c, d).

In retrospect, the instruments functioned reasonably well and the basic goals of the project plan were accomplished. The Plessey STD (CTD)s were a model which our laboratory had used previously and we were prepared for difficulties which might be encountered. However, the Plessey Model 8400 digital data loggers were new models and we experienced various problems with them. This resulted in some salinity and temperature data being recorded only on paper charts which were later manually digitized.

During each cast, reversing thermometers and Nansen, as well as Niskin, bottles were used to collect water samples. Generally, two bottle samples were taken from the satellite camps during each station. The main camp,

however, had a rosette command sampler and took as many as ten bottles per station; the average being four.

To provide adequate calibration for the sensors, bottles and thermometers were rotated to different depths at each new station. The depths used for calibration purposes at all the camps were 5 meters (mixed layer), 250, 400 and 750 meters. A 3000 meter calibration point was used only at the main camp.

Water samples were stored in tightly sealed 450 ml glass bottles. Roughly every two weeks, the samples were flown from the satellite camps to the main camp where salinity values were determined. A Guildline Autosal laboratory salinometer was the principle instrument for measuring the salinity of samples taken with water bottles. It developed trouble in Spring 1975 and was not useable over the summer. A Hytech salinometer provided backup during this period.

DATA PROCESSING

Dynamic Calibration

Figure 6 shows the flow of the STD data processing stages. Initial screening of the raw data to remove spikes and discontinuities was done by computer so as to keep the data in a time series to correct for temperature lag. Bad data were either replaced by interpolated data or, if extensive, the time series was terminated and restarted when good data were again available. Thus, some gaps appear. Smoothing was done by applying a 3-point running mean to the temperature and salinity data and 7-point running mean to the depth data. The larger depth window was chosen because of the relation between digital resolution of the depth channel (0.3 m) and the slowest lowering rate.

In general, the dynamic response characteristics of an STD sensor depend primarily on the time constant of the temperature compensation probe since that of the conductivity cell is negligible by comparison. In practice, however, although the probe constant for Model 9040 STD is quoted as 0.35 sec. by the manufacturer, analysis of output data by different investigators using different methods has yielded estimates ranging from about 0.2 to 3.0 sec. (Scarlet, 1975; Goulet and Culverhouse, 1972). Apparently a certain variability can also result when the same method is applied to different sensors or to the same sensor under different conditions. Therefore, the AIDJEX data set, which comprises output from a number of STD sensors over an extended period of time, required careful analysis.

The bias associated with the dynamic response of individual sensors is, in fact, detectable, and a method which aims at compensation has been incorporated in the data reduction procedure. The screened, smoothed raw data are retained as an evenly spaced time-series in depth, salinity and

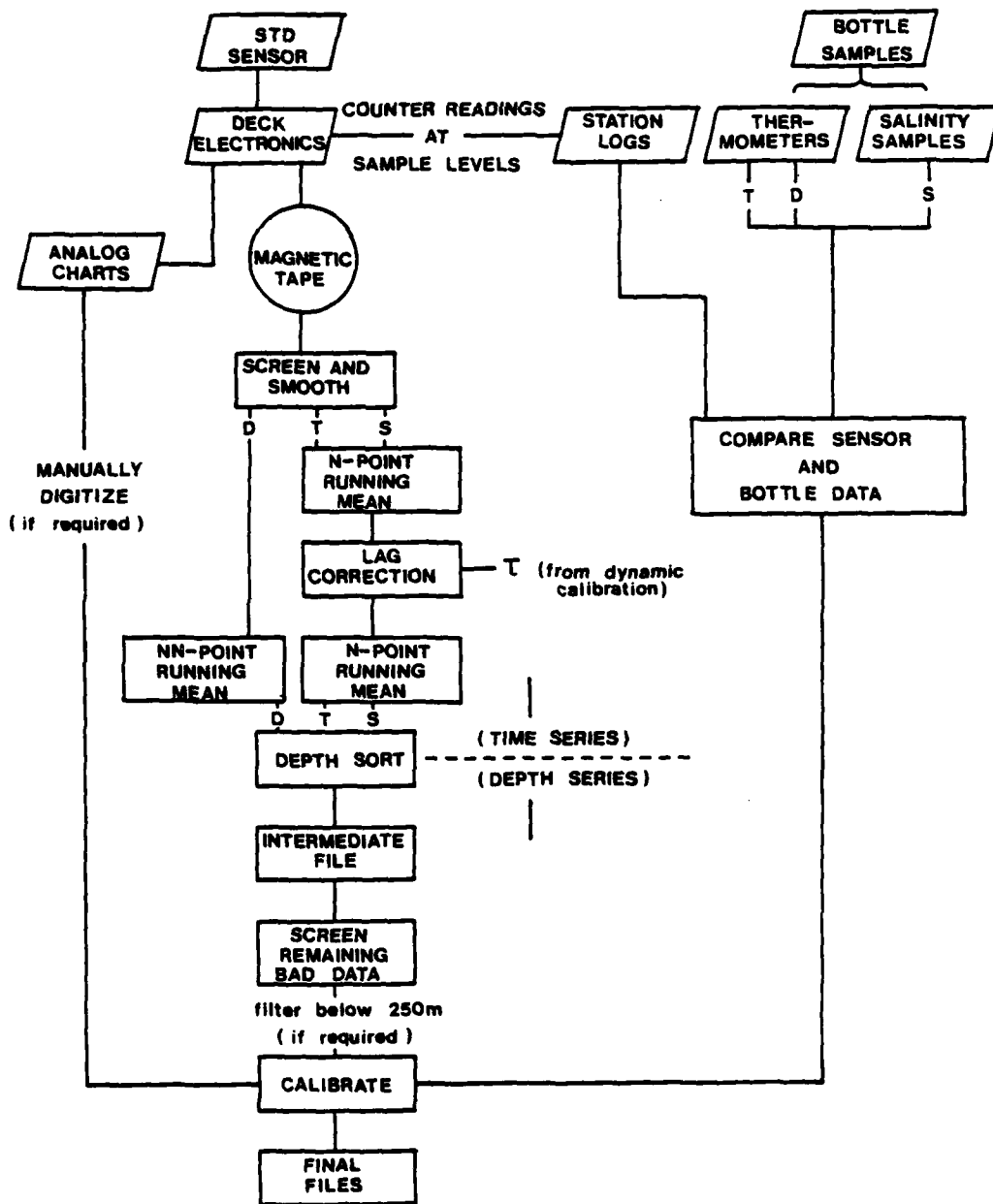


Figure 6 - STD Calibration Flow Diagram

temperature (D, S, and T) so that the time-rate-of-change of sensed temperatures ($\partial T/\partial t$) can be computed.

A correction for the time response lag of the temperature sensors is then applied to parameters T and S before the series is sorted for increasing depth. The correction is based on the assumption suggested by Scarlet (1975) that response is exponential with a time constant, τ , such that

$$T' = T + \tau \frac{\partial T}{\partial t} \quad (1)$$

$$S' = S + \frac{\partial S}{\partial T} \times \tau \frac{\partial T}{\partial t} \quad (2)$$

where T, S and T', S' are the sensed and corrected parameters, respectively. The $\partial S/\partial T$ term is assumed to be a constant, -1, since, for the temperature and salinity range of interest here, this assumption produces less error than the uncertainties in the other terms. The major source of error is in the computing of $\partial T/\partial t$. DDL resolution in temperature is $\pm .003^\circ\text{C}$ but this may be degraded somewhat by noise. However, careful consideration of the sample rate and the range for smoothing and computing the temperature slope can give a workable computer approximation of equations 1 and 2. Once the correction model is established, we can return to the data for an estimate of what τ should be.

A typical STD profile of the arctic water column is shown in figure 7. The trace is relatively free of the "spiking" normally associated with accelerations of ship's motion and rapid drop rates of a ship-launched cast. The sharp changes of the temperature gradient which trigger such spikes are

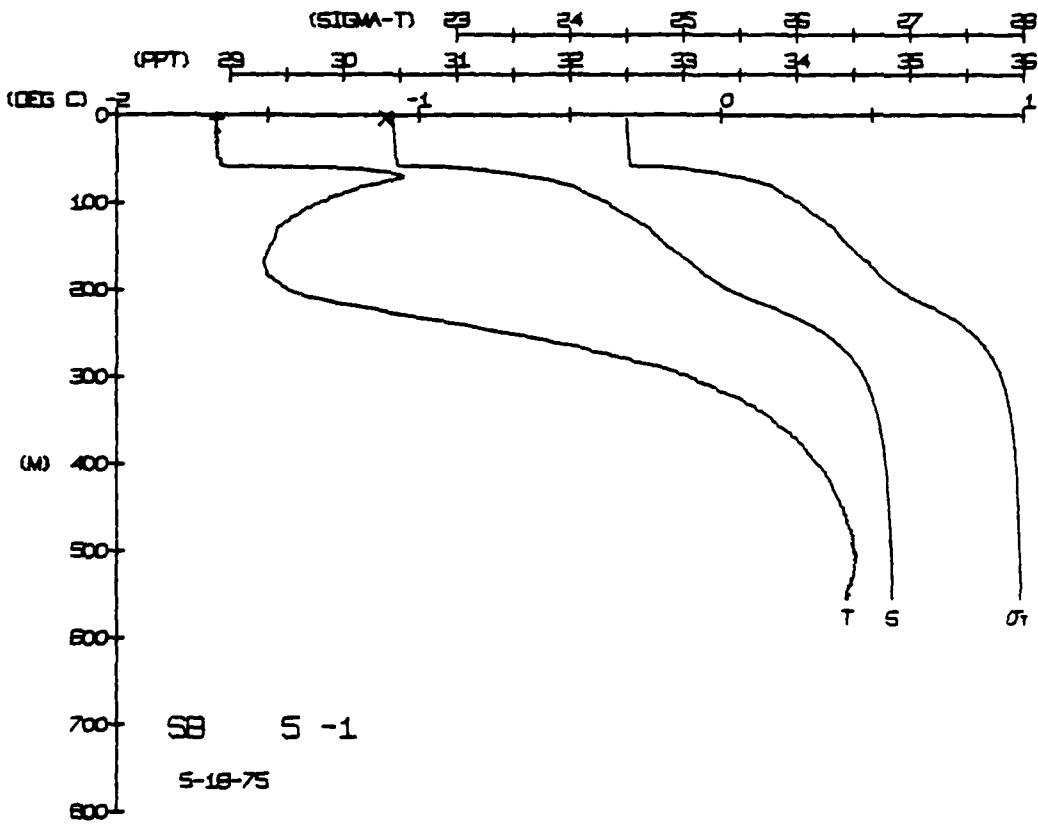


Figure 7 - Normal STD- σ_t profile of Beaufort Sea.

absent in the Arctic Ocean with the exception of one notable feature: the temperature interface at the base of the mixed layer. Rather than a spike, what is produced here is an apparent offset, primarily in salinity, which is related to the response lag of the temperature sensors and which is sustained below the interface until the temperature gradient subsides. Dantzler (1974) in particular has pointed out the importance of this kind of systematic error.

We have focused our attention on the mixed-layer interface since it is the only feature generally present in the Arctic Ocean which is sufficiently large in temperature scale to afford some appraisal of sensor dynamic response. The interface, since it is remarkably well-defined and relatively stable over an extended period of time, lends itself to repeated sampling. When the mixed layer is well-established, a typical raw data printout will show the onset of the interface as two distinct events, one in salinity and then one in temperature lagging one or more scan intervals behind. (Scan intervals were generally 0.5 sec; occasionally 0.1 or 1.0 sec.) Although judgement was restricted to scan-interval resolution by this approach, a preliminary survey of data from the four station sites did indicate apparent sensor-dependent differences in response lag time. To investigate further, downtrace and uptrace T-S diagrams of the same profile were compared for a number of stations. Typical results are shown in figure 8. The uptrace (dotted) is always offset toward lower salinity, along the mixed layer interface. According to equation 2, this is expected since the sensor sees the temperature change ($\partial T/\partial t$) as positive on the downtrace and negative on the uptrace. When the correction model is applied to this data, the time constant τ can be adjusted so as to minimize the offset between the traces.

This approach is readily implemented as a calibration procedure using a CRT computer terminal to monitor T-S diagrams. The time constant for the

CAMP CARIBOU
STATION 81

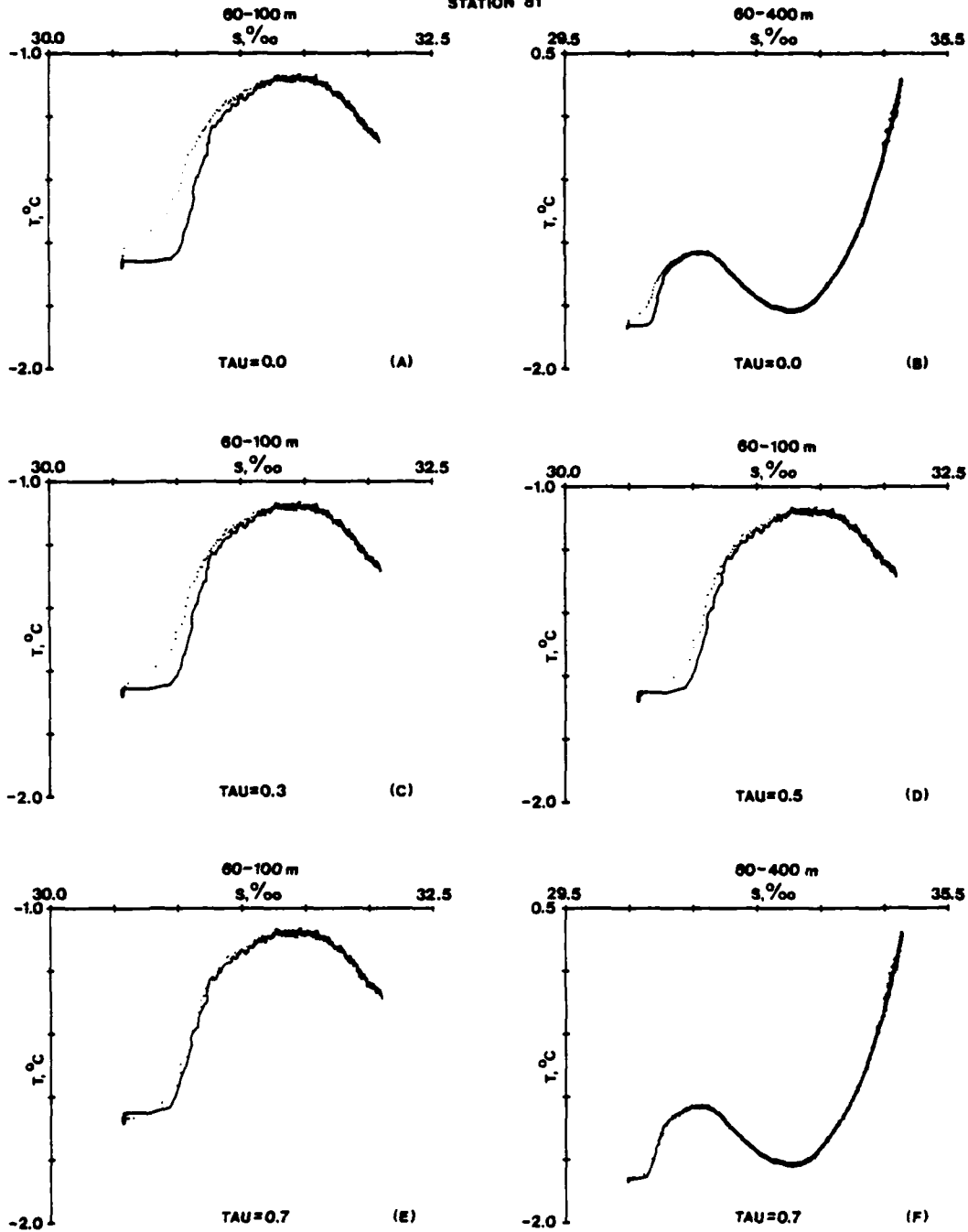


Figure 8 - T-S Diagrams showing the effect of varying the time constant for dynamic calibration

correction model is adjusted at selected station intervals in the data set to compensate for observed trends in sensor response. Results for a number of sensors are summarized in Table 2. The reason for the unusually slow response of the sensor at Big Bear is unknown, however, and a nominal value of 2.0 sec. is used.

The extent to which the values in Table 2 can be interpreted as valid indices of sensor dynamic response depends, of course, on certain assumptions. The interface feature is regarded as unchanged over the lapse of time (generally 1 to 1 1/2 hours) between downtrace and uptrace of any given station. Station records do, in fact, indicate that changes at the interface are slow, particularly from January to early June. Moreover, short-term changes would cause erratic adjustment of τ , and this is not observed; the trend for any one sensor tends to be slow. The assumption that response lag in temperature is the dominant cause of offset between downtrace and uptrace also ignores other kinds of hysteresis and the effect of mixing by movement of the instrument package through the interface. In the case of mixing it might be proposed that the maximum effect occurs on the uptrace when the instrument wake precedes the sensors, entraining saltier water at the interface. The observed offset is toward lower salinity, however, and argues against the significance of this process. It should also be noted that calibration may require some subjective interpolation between stations which fall within the summertime breakup of the mixed layer when the step-like definition of the interface is periodically absent or less well-defined. In general, the results imply that there is a seasonal disparity of response characteristics among the different sensors, and that the response of an individual sensor may vary over an extended period of operation.

Once the determination of τ was completed, uptraces were eliminated from the data set unless no downtrace was available. This was done to remove any mixing effects produced by the wake of the sensor package as it is pulled upward through the water column and which might be registered by the sensors which are attached at the base.

As can be seen from equations (1) and (2), temperature and salinity lag corrections no longer become necessary as the temperature gradient becomes very small and varies smoothly with depth. Below 400 meters in the Beaufort Sea, temperature lag corrections rarely attain a magnitude of 0.004°C , and in the vast majority of cases it is less than 0.002°C which is less than the resolution of the DDL temperature and salinity data. As a result, no temperature and salinity lag corrections were made below 400 meters. It should be stressed, however, in other parts of the Arctic Ocean this step might not be applicable because of the dynamic structure of the temperature gradient above 1000 meters.

The time lag corrections were then applied to the smoothed temperature and salinity (conductivity) data, and the data then sorted according to increasing depth.

TABLE 2

Time Constant Ranges for Dynamic Calibration Periods

Division into periods based on change of sensor, change of sensor components, or unexplained shift in observed response. Change of time constant is approximately linear between limits of each range. Unless noted - time constants are for STD sensors only. Station data that are missing (i.e., Big Bear: 1-49, 87-562) indicate manual digitization of the analog charts and therefore do not require a time constant, τ .

<u>Camp</u>	<u>Calibration Period (Station Nos.)</u>	<u>Time Constant Range (Sec.)</u>
Big Bear	49 - 86	2.0
Snowbird	1 - 248	1.0 - 0.7
	249 - 299	0.7 - 0.5
	300 - 362	0.7 - 0.8
	530 - 604	0.8 - 1.0
Caribou	1 - 82	0.5 - 0.7
	83 - 222	0.7 - 0.5
	223 - 309	0.5 - 0.4
	310 - 558	0.5
	559 - 852 (CTD)	0.5
Blue Fox	1 - 20	0.5 - 0.8
	21 - 60	0.8 - 1.0
	61 - 97	1.0

Manual Digitization

During field collection, the data of each cast were also simultaneously recorded on analog chart recorders. Whenever the DDL system failed to function properly for any given number of casts, the corresponding analog charts for these casts were manually digitized to provide the missing temperature and salinity (conductivity) data. On the average for all camps, manually digitized profiles comprised 67 per cent of the final data.

Resolution of the digitizer is .001 inches, but was limited to .01 inches by choice since it was felt that this still provided adequate resolution for the determination of temperature, salinity (conductivity) and depth. The accuracy of this process, however, is limited. Because units of temperature, salinity and depth are dependent upon their place within the chart system (even to the width of the ink line) the failings of the human hand and the subjective judgements made tend to enhance any errors in proportion to the analog scale.

The accuracy of this data will be discussed in a later section.

STD Static Calibration Procedures

Bottle data consisting of protected and unprotected thermometer readings, and salinity determinations from the water samples taken at preselected depths of 5, 250, 500, 750 and 3000 meters provided the bulk of the data necessary for the calibration of the salinity, temperature and depth sensors. Recorded information pertaining to the output of the three sensors taken from the deck unit readout at the instant that the instrument was stopped provided the remaining data required for the calibration procedure. The information mentioned above was punched onto computer cards along with their appropriate station identification parameters and stored on the computer. Delta values between the recorded values and the bottle data at the depth levels of 5, 250, 400, 750 and 3000 m were then calculated and stored on file along with the original input data.

Preliminary quality control checks were done on the calibration data after it had been stored on file. These checks consisted of looking for delta values of salinity, temperature and depth outside a given tolerance range for each parameter. When data of this type were found, it became necessary to evaluate the validity of the values on the basis of technical logs and other possible sources of errors, such as incorrectly punched input. In the majority of cases, an explanation for excessive delta values was found and the data were repunched and again submitted to the data set. Of the 5 per cent of the calibration data set that required this special editing, less than 40 per cent of the data points were rejected because of technical problems.

In each camp calibration data set, sudden shifts in the delta values for any or all of the sensors would occur, thereby breaking the data set into time segments. These breaks in the data would sometimes agree with the technical log notes indicating some adjustment of the conductivity cell or temperature

probe or even when the entire instrument package was replaced. Occasionally, however, there would be unaccounted shifts in a sensor, that never-the-less created a natural break in the calibration data. Each parameter of salinity, temperature and depth was observed separately for these offsets in the data, since the sensors operate separately from each other and may alter at any given time. Generally, however, breaks in the data occurred for all sensors at the same time. The resulting time segments also followed, for the most part, the calibration periods indicated in Table 2.

Within a calibration segment of a particular sensor at a given depth level, it was necessary to consider the possibility of a time dependency on the delta values. Because of the cyclic nature of taking bottle data at the satellite camps (since they only had 2 bottles and 4 levels to maintain), data were rarely dense enough to justify a time dependency versus a constant offset based on least squares best fit and corresponding standard deviations correction. Only in a few rare cases were the delta values fit to a linear time drift.

Depth dependency of the various sensors within every calibration period was also calculated using least squares best fit polynomials. Their associated standard deviations and plots of the polynomial against the delta values were the criteria used to determine the polynomial of least degree that would best fit the data. In practice, the temperature sensor was never depth dependent and this agrees with previous work done with the Plessey STD and CTD.

Depth and salinity, however, were always depth dependent. Depth was normally quadratic in dependency while salinity was generally cubic. There

were special cases for the depth and salinity sensors, where depending on the number of points present, linear to cubic fits were considered the best choice.

At the end of the calibration procedure for an entire camp there would be 3 delta functions for every point in time that would convert intermediate STD values to final calibrated data, as shown by equation 3.

$$S_f = S_i = P_{sn}(d,t) \quad (3)$$

where s = sensor (temperature, salinity or depth)
f = final data
i = intermediate data of temperature and salinity logged from digital data or digitized data
 $P_{sn}(d,t)$ = calibration polynomial for sensors and correct calibration segment n; (d,t) implies possible depth and time dependency

Using the polynomial equations for temperature salinity and depth, it was then possible to provide final calibrated STD data using either the intermediate data obtained from digital tape or manual digitization.

It is important to stress that during the entire calibration procedure, uncorrected depths were used as the basis for determining the delta values for temperature, salinity and depth.

CTD Calibration Procedures

Due to the differing natures of the STD and CTD, calibration procedures vary considerably. Mechanically the systems are similar. Each consists of a conductivity cell, temperature and depth sensors. The difference lies in the sensor output and the electronics controlling it.

In the case of the CTD, all three sensors measure values independently and are recorded as such. Salinity, however, is a complex function of conductivity, temperature and pressure (depth). Therefore, a value for salinity must come from the instrumentation of the STD itself. In the Plessey systems, this is accomplished by the use of two sets of temperature and depth sensors; one set providing only temperature and depth values to the surface deck unit, the other set providing data internally and which will be processed with conductivity to produce salinity. It is because of this second set of sensors that the complex equation for salinity, which is non-linear with respect to temperature, contains the lag corrections of equations (1) and (2). (It is assumed in data reduction that the two sets of sensors function identically. The validity for this is borne out in practice and previous experience with Plessey STDs). On the other hand, the conductivity cell of the CTD, being independent, has a rapid response time of 0.01 sec. (Plessey operations manual) and so a lag correction similar to equation 2 is unnecessary.

The CTD was used at Camp Caribou from stations 559 to 852 inclusive. However, the evaluation of the time lag constant, τ , proved to be difficult. Unfortunately, the field operator consistently chose to stop the CTD at the base of the uptrace. Only a few stations in the CTD data set allowed some estimate of the τ constant to be made at a value of 0.5 sec.

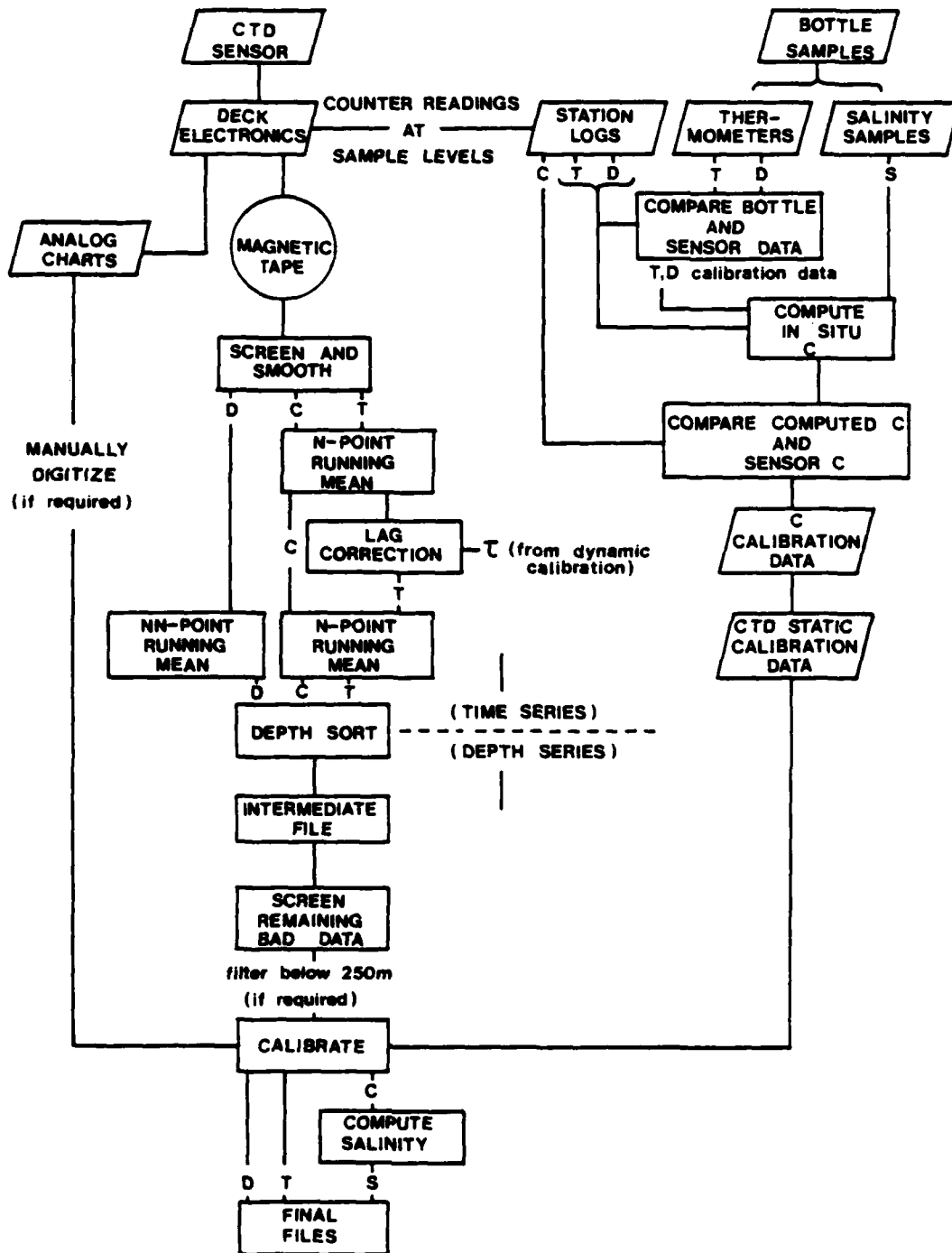


Figure 9 - CTD Calibration Flow Diagram.

Figure 9 is the flow diagram for the CTD data reduction processes. Once the CTD data set had the temperature lag correction applied and had subsequently been sorted for increasing depth, corrections to the data on the basis of bottle information were required before final calibration could be completed.

Temperature and depth calibration does not differ from that described in the STD Calibration Procedures; however, the final correction equations had to be supplied before the conductivity sensor could be calibrated.

The problem of conductivity calibration is two-fold; 1) to convert bottle data salinities obtained from the salinometer to in situ conductivities, and 2) to insure continuity between Plessey and salinometer conductivities before comparison.

To convert salinometer derived salinities to conductivities at the correct temperature and pressure observed by the sensor, the selection of a transfer equation as shown by equation 4 was necessary:

$$c = f(s,t,p (z)) \quad (4)$$

where c = conductivity
s = precise measurement of salinity (salinometers)
t = actual temperature of water at depth z
p = pressure at depth of observation, z

All AIDJEX salinity data are ultimately based on lab salinometer results as computed by the UNESCO formulation (Cox et al, 1967). Because pressure effects and temperatures less than 10°C are not included in the International Tables, some other formulation for the conversion of in situ conductivity to salinity was required.

Walker and Chapman (1973) compared several of the more widely used conductivity-to-salinity equations used in the field of oceanography today. Unfortunately, as of the time of this publication, no standard formulation has been adopted by the world community although progress towards this has begun.

The Ribe-Howe equation with the low temperature correction by Dauphinée (Walker and Chapman, 1973), was chosen for the following reasons:

1. It agrees more closely with the UNESCO values in the range of the AIDJEX data set.
2. It claims accuracy of 0.01 ppt and extends deeper (7000 db) than others so it can be safely applied to the few deep 3000 meter stations
3. It can be rapidly computed.
4. No effort needs to be made to compensate for the discrepancy between Ribe-Howe and the UNESCO equations. The magnitude of the errors in the range of 25-35 ppt is less than 0.001 ppt.

Bottle data and counter readings were placed in permanent files in the computer as described previously in the section STD Calibration. Final equations for the calibration of temperature and depth were calculated prior to the conductivity calibration procedure. These values were required as input parameters to the reversed Ribe-Howe equation to accurately provide the in situ conductivity given the precise values of salinity, temperature and the depth of observation.

Delta values still could not be calculated because of the different values of absolute conductivity used by the Plessey sensor and the Ribe-Howe equation. In order to transfer the Plessey conductivity of $C(35,20,0) = 47.891$ mmho/cm to a conductivity in terms of the Ribe-Howe formulation, $C(35,20,0) = 47.917$ mmho/cm, conductivity data produced by the Plessey CTD were multiplied by the ratio of the two values.

$$C_{\text{corr}} = C_{\text{ctd}} \times 1.0005429 \quad (5)$$

where C_{corr} = corrected conductivity
 C_{ctd} = observed conductivity of sensor

Delta values in conductivity were then calculated for all the bottle data in the CTD set. Once the calibration polynomial had been formulated for conductivity, it became a straightforward process to calculate salinity-temperature-depth data from the intermediate CTD data. The order of progression is very important and is as follows:

- a) correct temperature to produce final temperature, t_f
- b) correct depth to produce final depth, d_f
- c) calculate C_{corr} as in equation 5
- d) correct C_{corr} to produce final conductivity, c_f
- e) compute salinity by Ribe-Howe using t_f , d_f , c_f

Final conductivity values were not saved during the processing and are therefore not reported.

Optional Filtering Below 250 Meters

Approximately twenty-one percent of the total STD data required some type of additional filtering and smoothing due to above average noise in the temperature and salinity channels. This problem was confined to depths greater than 250 meters. The cause of the noise is not well understood, but is believed to be related to some vibration effect on the components of the STD with an increase in the rate of lowering. This effect has also been considered by shipboard operators of the Plessey STD system.

It is not believed to be caused by the deck instrumentation since both digital tape data, as well as analog traces indicate excessive noise levels even though they operate from essentially different circuitry. In some instances, the effect was so severe that the station data below 250 meters might well have been discarded if further filtering and smoothing had not been applied.

The decisions as to the filtering and smoothing were subjective and were based upon the comparisons of previous stations and the severity of the noise. The several options available as to the filtering used on individual stations were:

1. Only temperature-filtered within a specified depth interval.
2. Only salinity-filtered within a specified depth interval.
3. Both temperature and salinity-filtered within a specified depth interval.
4. Provide values from a sliding least squares best fit quadratic equation with 30% of overlapping in each subsequent fit.
5. Clip the original data with a preset tolerance of $\pm .006$ ($^{\circ}\text{C}$ or ppt).

If the station data had small discrete depth intervals in which the noise occurred, the section or sections were deleted rather than using the options to filter the entire trace. In the case where noise was extreme, the affected segment of data was replaced in its entirety with data obtained by the overlapping least squares best fit equations as described in option 4 and 5.

In the various listings in the data report, information is given as to whether a station has been filtered below the depth of 250 meters, although the type of filtering is not indicated. Better than 90% of the filtering done on the data involved salinity only with filtering as indicated by options 4 and 5.

Subsequent Processing

Even though salinity, temperature and depth had been converted into final calibrated data, errors still existed. A combination of several checks involving the plotting of the data in various forms and the sorting of various parameters revealed errors that were previously unnoticed.

The deletion of data while the sensors were in the hydroholes and the addition of weather and position information for the individual stations was also a part of this procedure.

T-S diagrams were employed on large groups of stations to show stations which deviated from the mean. Stations that were flagged in this manner were rechecked for validity. If the data turned out to be in error and the error resulted from processing, the station was reworked from the point at which the error occurred.

Nested temperature and salinity traces were also plotted (as shown in this report) to observe stations that did not follow the mean trends of the other plotted profiles. If a station was considered questionable, the original analog chart was used as the basis for the deletion or acceptance of the profile. Deletions of segments of data were most common in this part of processing because of random spiking that was not removed during initial processing. The deletions are seen as gaps in the data and usually span less than 10 meters.

Sequential sorting of the recorded dates and times of the stations at one camp was also done. Stations that were shown to be out of order were corrected and resubmitted to the data set.

Temperature and salinity values taken while the sensor was in the hydro-hole were then removed from all data sets of the respective camps. The depths to which this was done at each camp are listed in Table 3.

TABLE 3

Sea Ice Thickness of Hydroholes at the Four Manned Camps

<u>Camp</u>	<u>Ice Thickness (cm) Below Sea Level at Hydro-hole</u>
Caribou	300
Blue Fox	470
Snowbird	340
Big Bear	250

As a final indication of the quality of the salinity and temperature data, averaged values of the bottle and reversing thermometer at the various sampling depths are shown on the profiles.

ACCURACY OF THE DATA

Tests were run to determine the accuracy of the DDL and manually digitized STD data. The bottle data were used as the standard against which the final salinities and temperatures were checked. For each camp, the final salinity and temperature data were subtracted from the observed bottle data at the various tripping depths. Differences were grouped into two sections - DDL data and manually digitized data. Table 4 compares the mean salinity and temperature differences and the associated standard deviations for the four manned camps for each section.

TABLE 4

Means and Standard Deviations of Salinity
and Temperature Differences for the Four Manned Camps

<u>Camp</u>	<u>Data Type</u>	<u>Salinity</u>	<u>Temperature</u>
Caribou	DDL	0.0 ± 0.015	0.002 ± 0.024
	Manual	0.005 ± 0.027	0.014 ± 0.041
Blue Fox	DDL	0.002 ± 0.001	0.019 ± 0.051
	Manual	0.020 ± 0.025	0.007 ± 0.037
Snowbird	DDL	0.002 ± 0.047	-0.006 ± 0.034
	Manual	0.006 ± 0.034	-0.024 ± 0.056
Big Bear	DDL	0.008 ± 0.022	0.030 ± 0.044
	Manual	0.013 ± 0.050	0.005 ± 0.059

METEOROLOGY DATA

Surface observations and digital recordings of meteorological sensors at a fixed height above the surface of the ice were maintained continually at each of the AIDJEX manned camps.

From the original data, hourly averages of surface barometric pressure, wind speed and direction at 10 meters and air temperatures at 2 and 9 meters above the surface were obtained from the AIDJEX data bank.

Data that were closest in time to each station were recorded with the station in permanent files on the computer. In the header information associated with each station in this report, values of temperature at 2 meters, surface barometric pressure and 10 meter wind speed and direction are reported. Blanks imply no available data for that particular parameter.

POSITION ESTIMATES AND ASSOCIATED ERRORS

Filtered and smoothed estimates for position and velocity through time were recently updated for all of the AIDJEX 1975-76 manned camps (Thorndike and Manley, 1980), to provide better resolution for inertial oscillations of the ice motion. The initial Satellite Navigation report (Thorndike and Cheung, 1977) indicated signal reduction in the data at the inertial period due to filtering of approximately 50% and was, therefore, not acceptable for the reduction of certain parts of the oceanographic data set.

Position estimates were not regularly spaced in time nor were they at the times when the STD or PCM stations were started. Therefore, it was necessary that some software routine be constructed in order to give reliable estimates of the position and ice velocity at the times of the stations in question.

Normally, 25-30 position fixes were recorded per day at each of the four camps. The maximum number of fixes per day was close to sixty, and the minimum was zero for a period of approximately five days. With these wide variations in the spacing of the data, it became important to estimate the standard error associated with the calculated positions and velocities. These error estimates would then later become useful in the determination of the station's relative importance for a particular application. Typical examples would be the rejection of an STD station (position error of 1000 m) intended to be used in a geostrophic calculation where the inter-station spacing is on the order of 2 kilometers, or relative velocity PCM stations being rejected for absolute data processing when the ice velocity error was exceedingly high. Regardless of the intended application, error estimates for both positions and velocity are an integral part of the data set.

There are several methods to determine the position of a given camp at a particular time, given precise estimates of the position and velocity before and after the time in question. The methods range from a simple approach of choosing the position fix closest in time to the station in question, to more involved interpolation schemes.

Due to the presence of small to intermediate scale structures observed in the AIDJEX oceanographic data set, precise position and ice velocity estimates were required to resolve them as best as possible. By defining a smooth and continuous time dependent function - $X(t)$ - of a positional parameter such as latitude or longitude, four boundary conditions were initially provided by the navigation data set. These known conditions were $X(t_1)$, $X(t_2)$, $X'(t_1)$ and $X'(t_2)$; t_1 and t_2 indicate different observation times, and X' indicates the first derivative (velocity). In order for the function $X(t)$ to be uniquely defined, $X(t)$ by definition must be cubic.

Once the time of the station was provided, cubic equations for both latitude and longitude were defined using the navigations points of latitude, longitude and north and east ice velocities directly before and after the station time in question. Position and ice velocity were then obtained by substituting the time of the station into the cubic equations and their first derivatives with north and east ice velocities being defined as the first time derivative of latitude and longitude respectively.

Estimates (95% confidence limit) of the errors associated with latitude and longitude are also provided to the user. A more detailed explanation of the errors associated with position, as well as ice velocity is given in any of the AIDJEX profiling current meter data reports (Manley et al, 1980 a, b, c, d).

OBSERVED FEATURES

The stable ice platform permits the STD to be dropped and raised smoothly without the pumping action usually produced on casts from a rolling ship. Delineation of small scale structures is limited almost entirely by instrument characteristics alone. The AIDJEX data show considerable detail in such interesting oceanographic features as the upper mixed-layer, anomalies of temperature and salinity associated with baroclinic eddies and step structure. Since the STD profiles were continued over an entire year, the seasonal variations in these and other features were recorded. Also, the 100 km array of four (later three) ice stations permits description of the lateral variation of oceanographic features on this scale. The array scale was originally chosen to give information on mesoscale atmospheric effects. It is too large for detailed study of baroclinic eddies and too small for the general circulation. However, the scale does confirm the extent of variations in the mixed layer and in step structure. Baroclinic eddies are only 10 to 20 km in diameter and are observed at only one ice station at a time but some idea of their numbers can be obtained by the frequency of encounter with them.

Mixed Layer

The behavior of the upper mixed layer was one of the principal objectives to the AIDJEX oceanographic program. This layer of nearly homogeneous water extends, during the winter, from just below the ice to depths of 25 to 60 m. During the summer it disappears as the upper layers become strongly stratified. The aim of the AIDJEX field program was to measure as accurately as possible the forces acting on drifting ice including the frictional drag of the ocean. The degree of homogeneity or stratification of the upper layers has an important effect on water drag. A well-mixed upper layer results in more drag than a stratified layer.

The mixed layer which appears so strikingly in the winter and spring arctic profiles of temperature and salinity (fig. 7) is attributed to brine convection. Heavy brine is released during freezing to sink down to or below its level of equivalent density, overturning and mixing the surface layers as it descends. Most earlier arctic oceanographic stations were taken in winter and spring months. The mixed layer has been generally recognizable in bottle casts although details of its structure and evolution were not available. In the 1972 experiment, the mixed layer was about 35 m deep with a sharp break at that level to a steep gradient in temperature and salinity. The continuous record of a Guildline CTD showed the upper 15 m to be often unstable within the resolution of the instruments. The region from 15 to 35 m, while still having the appearance of a mixed layer, was neutral or slightly stable (Smith, 1974).

Results from the 1975-76 experiment with Plessey STD (CTDs) show that the mixed layer often has slight steps and that the details of the structure are

not coherent over the 100 km array. The mixed layer in the spring of 1975 was about 50 m deep. The small steps in the mixed layer may be due to brine convection beneath a refreezing lead.

Fluid dynamical arguments suggest that such steps are limited to a horizontal extent of about 2 kilometers. Their horizontal scale is limited to approximately the Rossby radius of deformation which is small for such small density differences as these steps in the mixed layer (Stommel, 1969).

There are two principle stirring mechanisms by which a mixed layer may be formed; gravitational convection due to brine extrusion during freezing is usually considered most important, mechanical stirring by ice drift must also play some part. Previous studies have not conclusively shown the relative importance of the two regimes (Solomon, 1973). The two mechanisms should operate on clearly separated horizontal scales with mechanical stirring by drift occurring over the 1000 km scale of the wind field and brine convection occurring over the 1 to 10 km scale of leads.

Few summertime observations were available on the upper layers before 1975. The AIDJEX records show that a continuous steep gradient in temperature and salinity often exists beneath the ice during summer when freshwater runoff from melting ice and snow stratifies the upper layers (figs. 10-13). Since the fresh water is lighter than sea water, it remains on top, stratifying the surface layer. At times the stratification may be less continuous (fig. 13). Figures 12 and 13 were taken on the same day, but at stations about 100 km apart and show the extent of horizontal variability. The amount of snow available for runoff and the number of cracks available for drainage cause this variability.

Figure 14 shows the development of the mixed layer through time. In the late summer, the mixed layer is absent (14a), but begins to develop and deepen

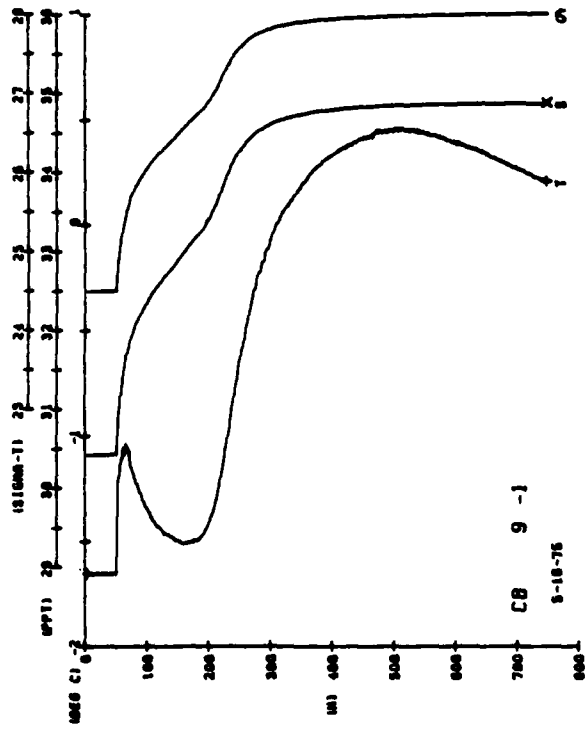


Figure 10 - STD- σ_t profile of Caribou Station 9. Figure 11 - STD- σ_t profile of Caribou Station 111.

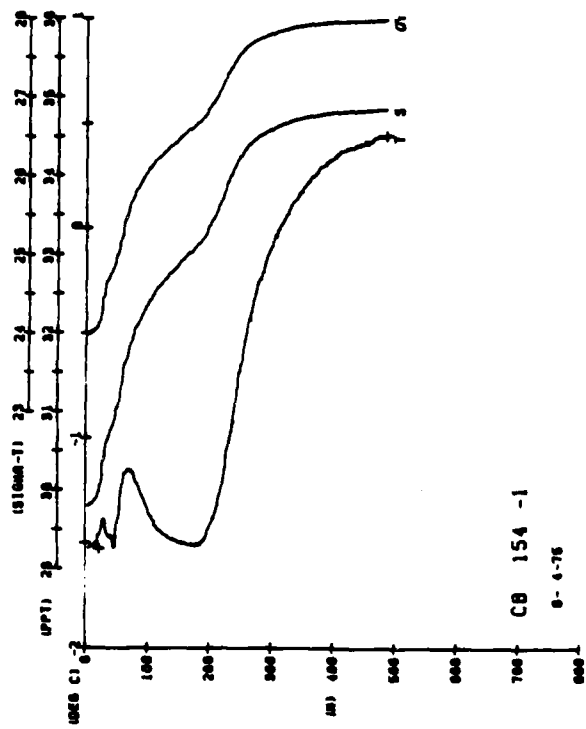
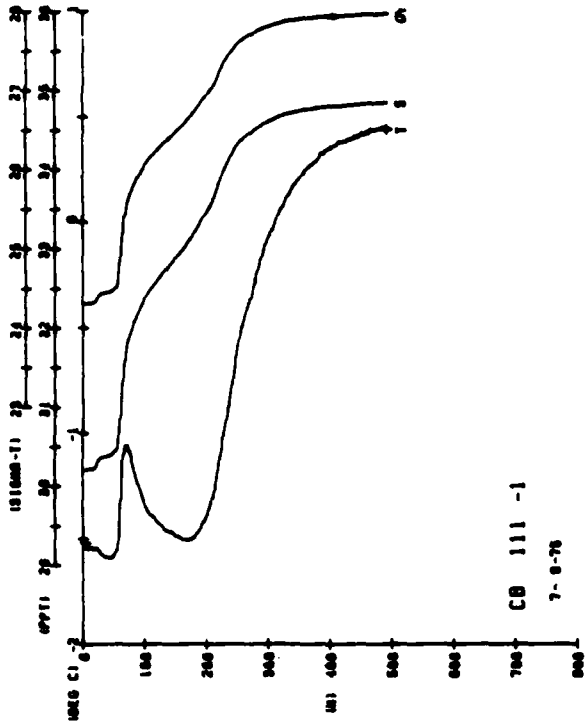
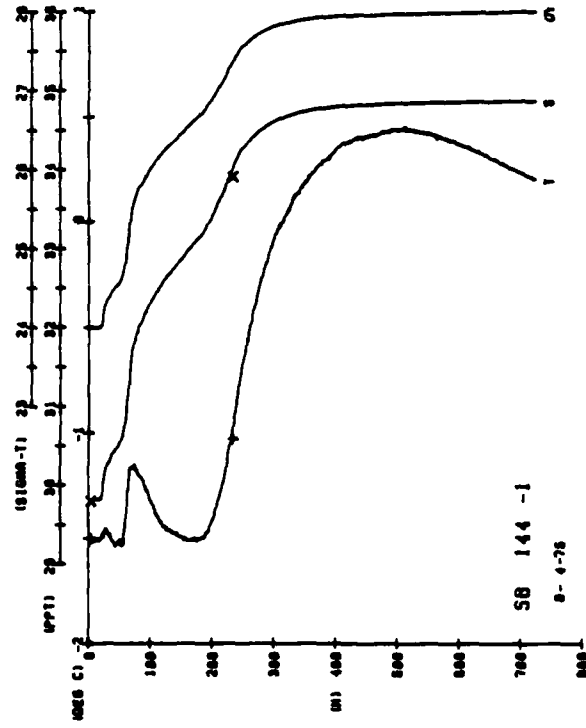


Figure 12 - STD- σ_t profile of Caribou Station 154. Figure 13 - STD- σ_t profile of Snowbird Station 144.



when the first freezing begins and is about 15 meters deep by September (14b). It continues to deepen slowly, reaching approximately 25 meters in December (14c), and attains a maximum depth of 40-50 meters in late spring (14d). Unfortunately, the experiment did not continue far into the spring of the following year, so an early station from camp Blue Fox is used to show this maximum (14d).

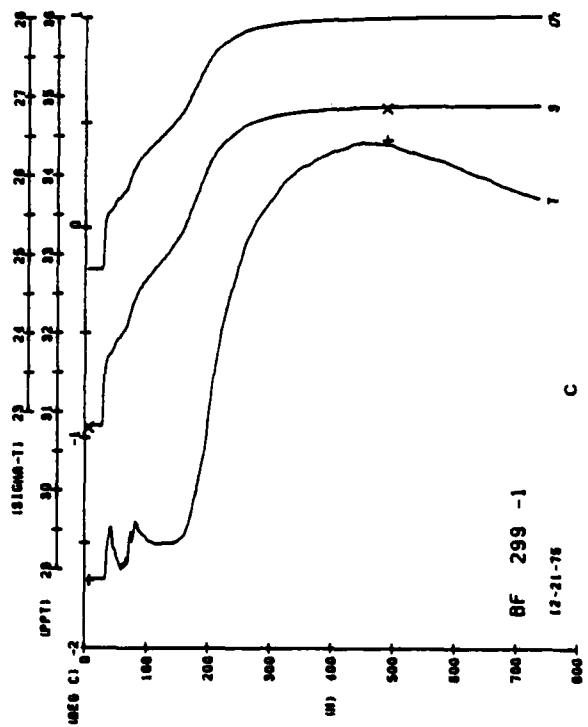
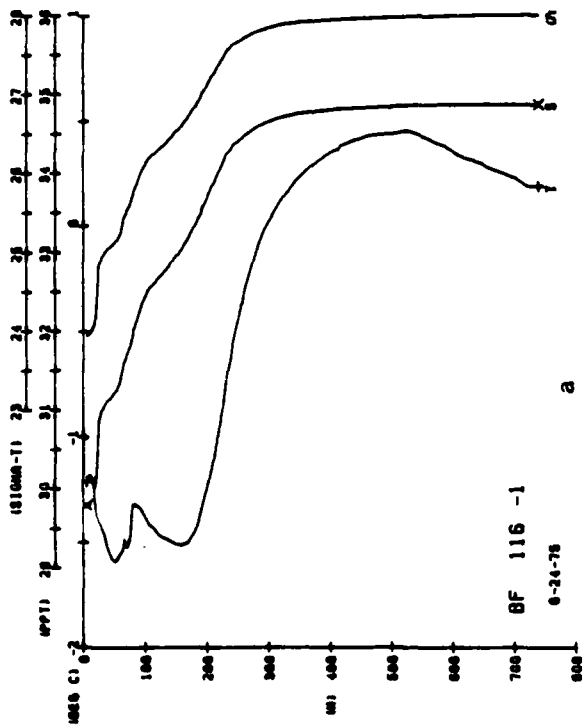
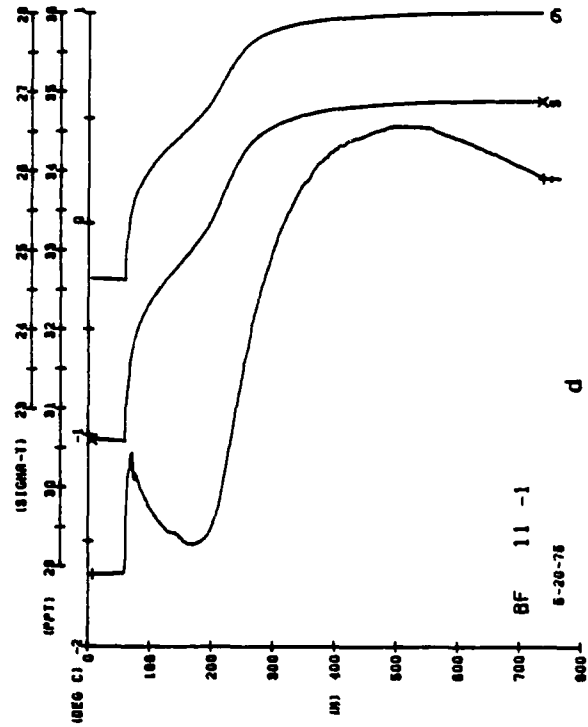
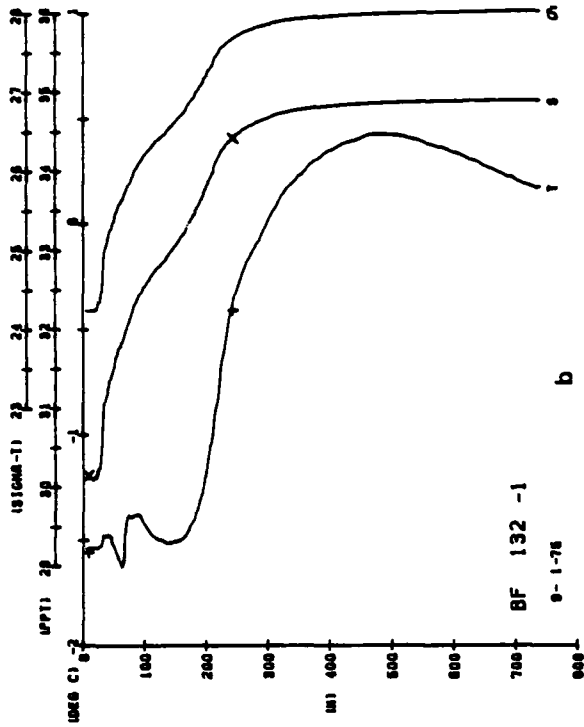


Figure 14 - Development of mixed layer as observed at Camp Blue Fox from late summer to late spring.

Mesoscale Eddies

One of the unexpected oceanographic results of the 1972 AIDJEX program was the detection of swift subsurface currents localized in the pycnocline. These currents coincided with the region of steepest density gradient between 50 and 300 m. Maximum speeds, found at a depth of about 150 m, reached 60 cm/s. This speed far exceeded the mean current of 1.8 cm/s (Hunkins, 1974 b; Newton, 1973; Newton et al., 1974; Dixit, 1978).

Although there had been observations of transient undercurrents by P.P. Shirshov as early as 1937 (Belyakov, 1972), the details and horizontal extent of the features were not known. In 1972, these transient currents were shown to occur as nearly circular eddies with diameters of 10 to 20 km. Both cyclonic and anticyclonic circulation were observed. The eddies are strongly baroclinic with signatures in both the velocity and density fields. The force balance is nearly geostrophic although centrifugal force is also of some significance since the eddies have such a small radius.

In the main experiment of 1975-76, eddies were detected at all four camps. Examples of current velocity profiles through eddies at the camps are shown in figs. 15-18. They differ from the barotropic wind-driven motions by often occurring when there is little ice motion and by their strong vertical shear.

Previous measurements of temperature and salinity through the eddies have been with discrete sampling by water bottles and reversing thermometers. These are the first eddy studies with the increased detail given by STD profiles. The eddies appear to move more slowly than drifting ice so that a cross-section through one may be obtained as the ice station drifts over it. This happened as the Snowbird station drifted across an eddy. Four successive

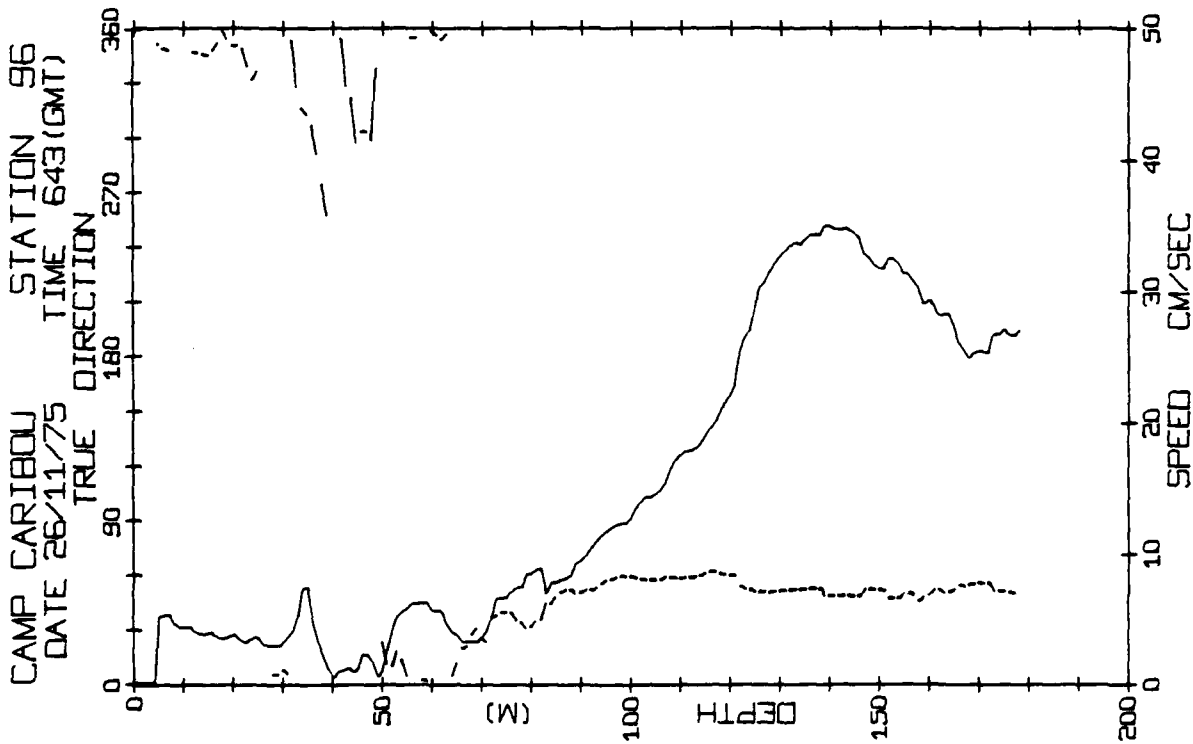


Figure 15 - Vertical velocity profile through an eddy observed at Camp Caribou; dashed line is true direction, solid line is absolute speed.

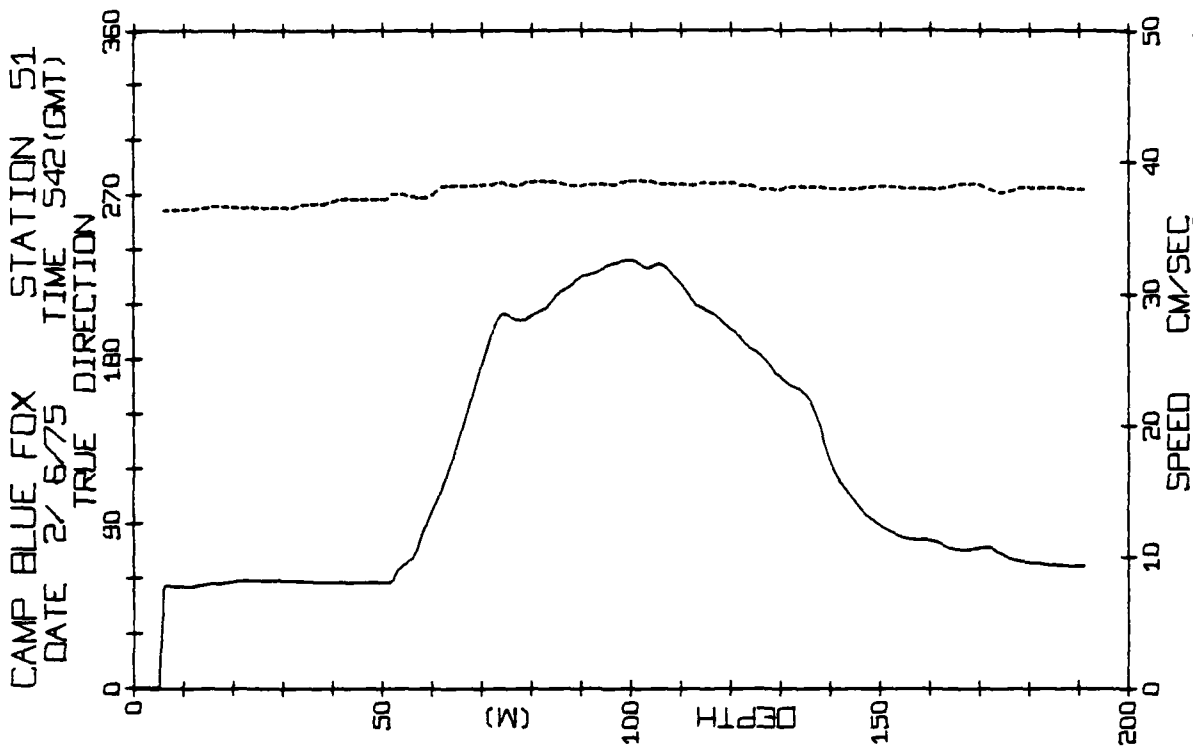


Figure 16 - Vertical velocity profile through an eddy observed at Camp Blue Fox; dashed line is true direction, solid line is absolute speed.

CAMP SNOWBIRD STATION 49
DATE 30/ 5/75 TIME 2043(GMT)

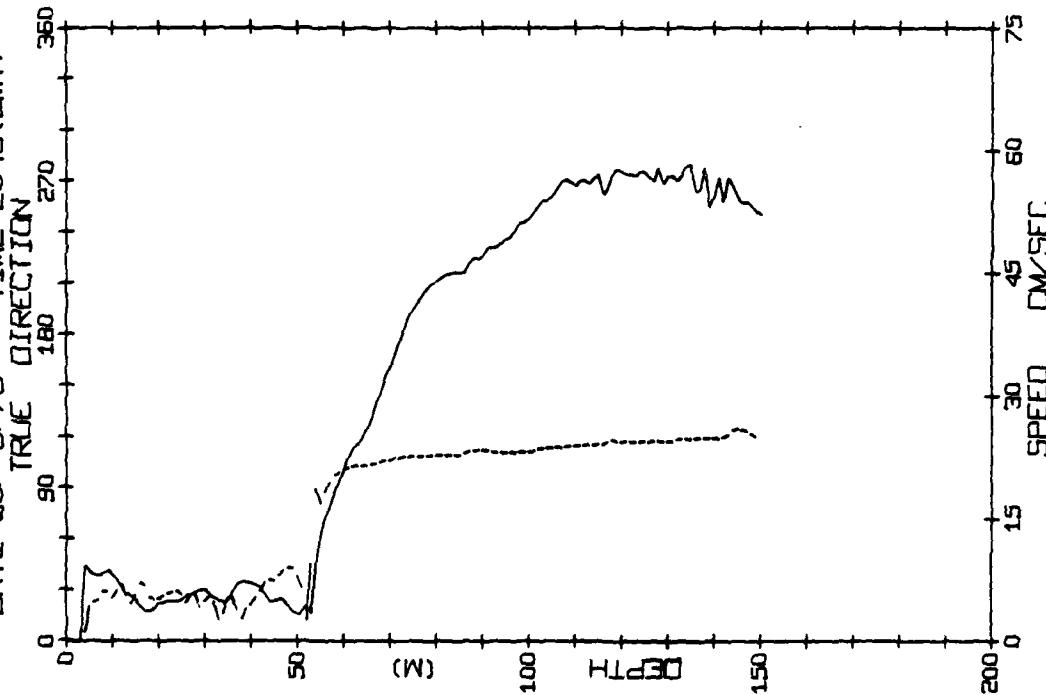


Figure 17 - Vertical velocity profile through an eddy observed at Camp Snowbird; dashed line is true direction, solid line is absolute speed.

CAMP BIG BEAR STATION 154
DATE 14/ 6/75 TIME 1944(GMT)

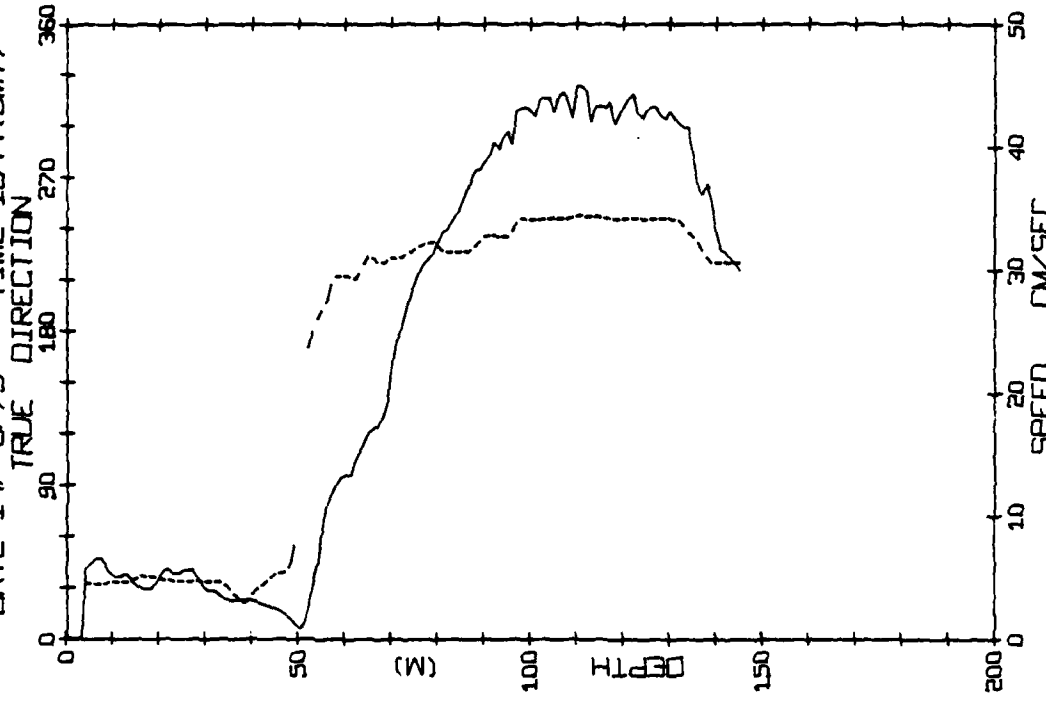


Figure 18 - Vertical velocity profile through an eddy observed at Camp Big Bear; dashed line is true direction, solid line is absolute speed.

profiles on four succeeding days show changes from normal conditions to eddy conditions and back to normal (fig. 19).

In the middle two profiles there is a marked change from the normal temperature and salinity between depths of 100 and 200m, the depth interval of maximum current velocity. Figure 13 shows the velocity profile corresponding to Snowbird station 30 in figure 19.

Measurements with increased time and space resolution have resulted in detection of baroclinic eddies in the Atlantic Ocean where they became the object of detailed study during the United States MODE experiments and Soviet POLYGON experiments. The Arctic eddies differ from the Atlantic ones in two ways. The horizontal and vertical space scales of the Arctic eddies are much smaller, 20 km and 200 m respectively, than those in the Atlantic, 100 km and 4000 m. The depth of maximum velocity within the eddies also differs between the two oceans. Whereas in the Atlantic it is close to the surface, in the Arctic the maximum is definitely below the surface at 80 to 150 m. This appears related to the presence of the ice cover against which the eddy is frictionally dissipated. Thus, the Arctic eddies enlarge the parameter range under which eddies are known to exist.

Prior to the printing of this report, a more detailed study of mesoscale eddies in the Arctic Ocean was recently completed (Manley, 1981). This work contains discussion on their characteristics, origin, and role in the energy, heat and salt balance of the western Arctic Ocean.

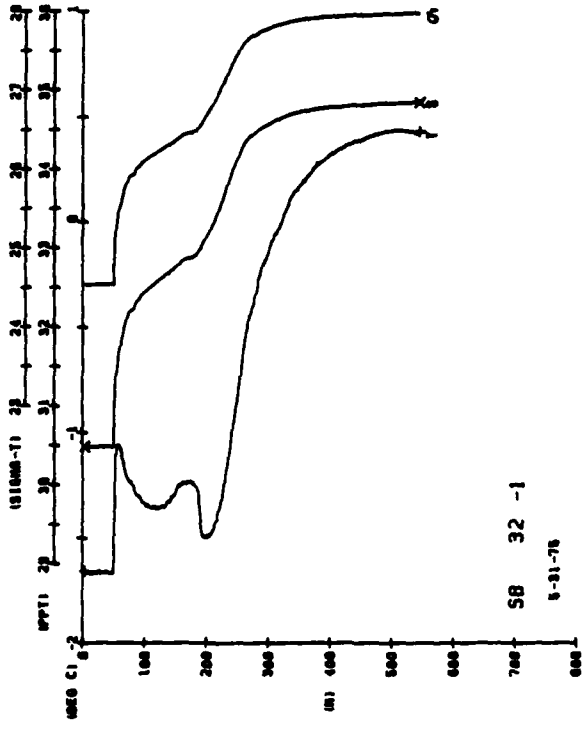
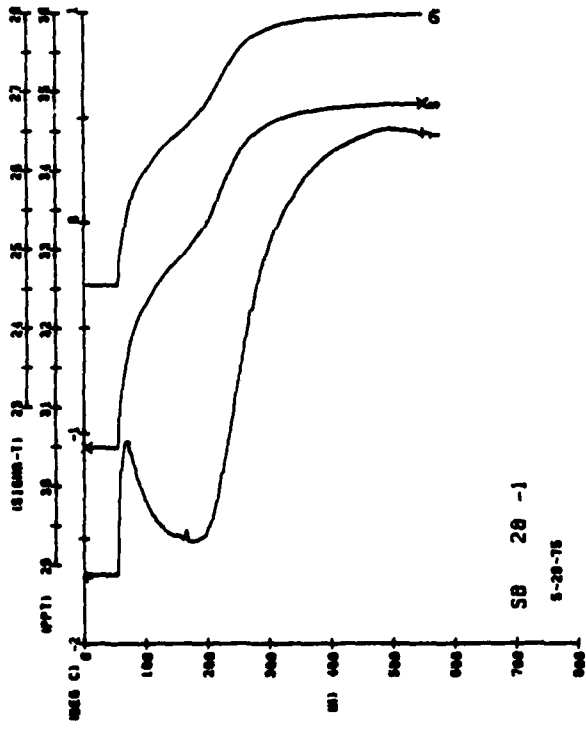
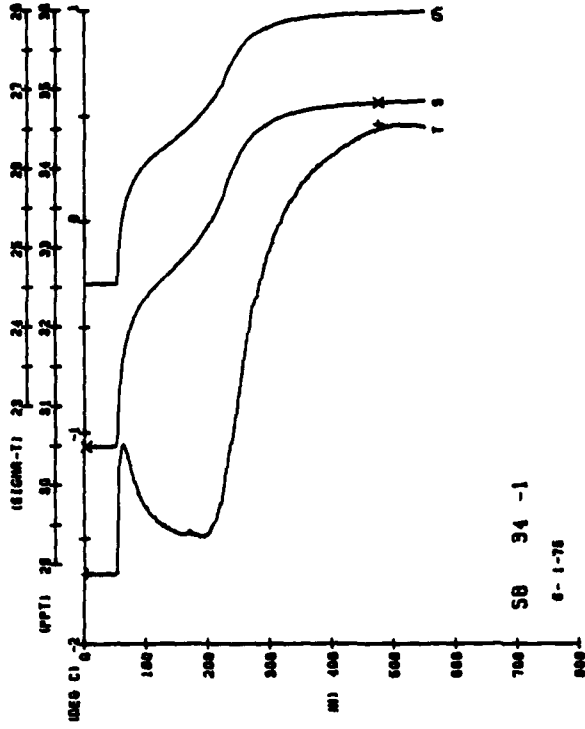
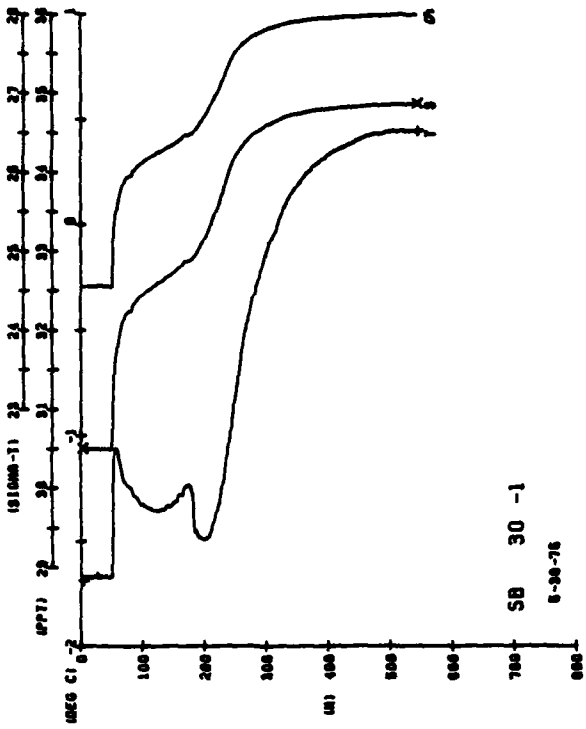


Figure 19 - T-S- σ_t observations through an eddy at Camp Snowbird.

Step Structure

Step structure is a third oceanographic feature which is shown in these STD (CTD) profiles. Arctic Ocean step structure has been reported previously by Neshyba et al., (1971), and consists of homogeneous layers about 3 m thick between depths of 200 to 500 m. The profiles of temperature and salinity taken during the main AIDJEX experiment also show similar features. An example of this step structure is shown in an expanded plot of temperature and salinity taken from STD station number 1 and Camp Snowbird (fig. 20). It was unexpected that such small features should be detected with the model 9040 STD, as it was not designed for microprofiling.

The abundant AIDJEX data should extend our geographical and temporal information on these step structures. It should be noted, however, that only data processed from magnetic tape (processing code = 1; see Table 5) are of a high enough quality to study the features.

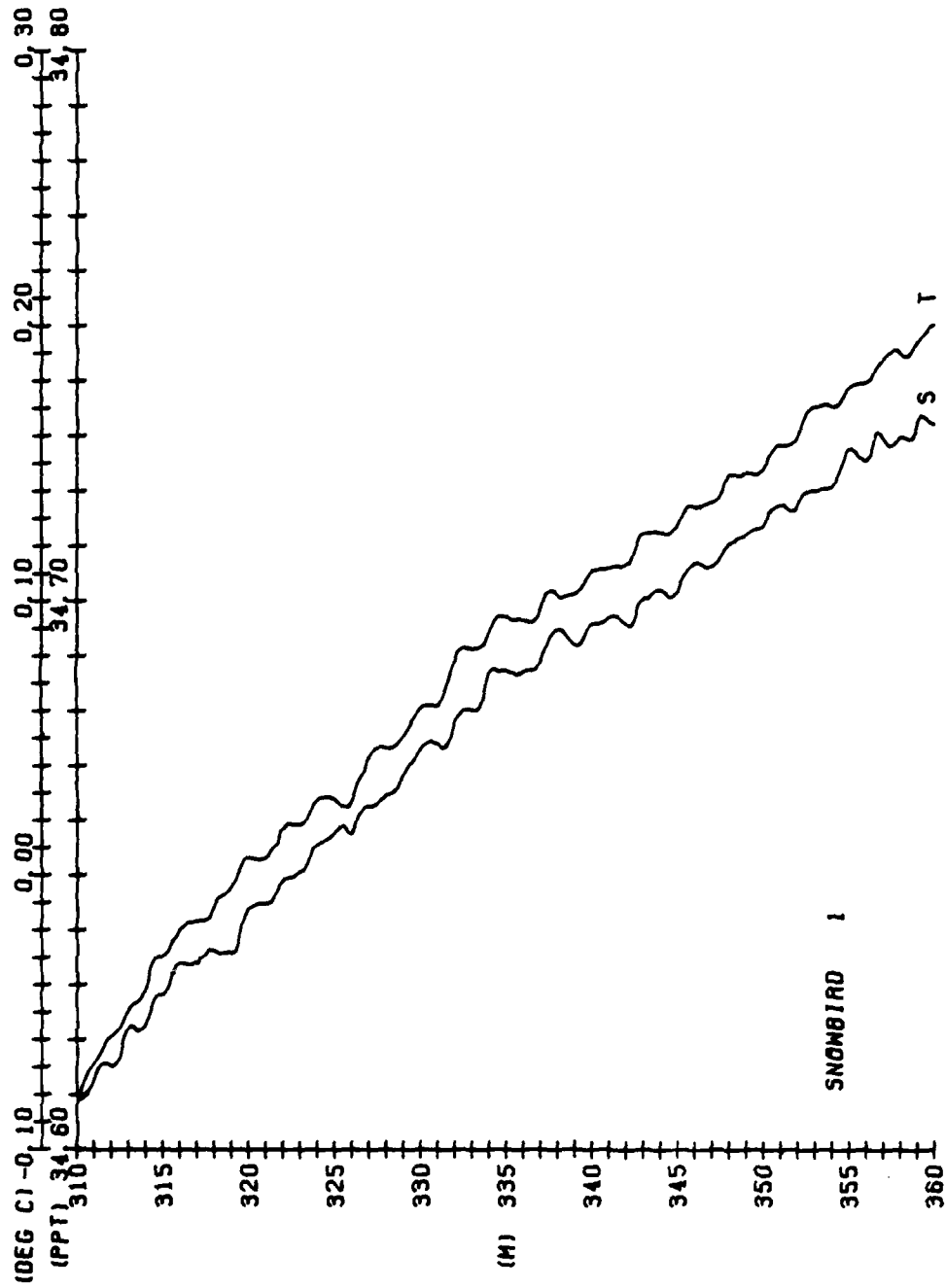


Figure 20 - Step structure through an eddy at Camp Snowbird, Station 1, May 16, 1975.

Observations of Supercooled Water

On numerous occasions during the AIDJEX program, water temperatures in the surface layers were below the freezing point for their salinity, especially during the months of winter and spring. The supercooling often exceeded 0.1°C . There have been many reports of supercooled waters in the arctic and antarctic oceanographic literature. These observations have been discussed by Doronin and Kheisin (1975) and by Lewis and Lake (1971). The reports of supercooling in polar waters seem to be accepted by the first authors while Lewis and Lake conclude on the basis of experiments and a survey of the literature that supercooling, if it exists at all, is very transitory. They conclude that the presence of ice crystals within the water leads to erroneously low salinity values upon analysis at room temperature and consequent freezing point calculations which are erroneously high.

In the AIDJEX data, the amount of supercooling, which can amount to 0.1°C or better, is too great to attribute to experimental error. The explanation of Lewis and Lake seems more likely to explain the anomalously cold water although no direct experiments were done to confirm the presence of ice crystals. Although the AIDJEX measurements were made by in situ temperature and conductivity sensors, the measurements were calibrated against bottle samples which were raised to the surface and analyzed at room temperature. Thus it is possible that melted ice crystals may have diluted the sample and these observations cannot be taken as serious evidence of supercooling in arctic surface waters.

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APPENDIX 1

CONVERSION TABLE FOR AIDJEX DAYS
TO CALENDAR DAYS

For the main experiment, AIDJEX adopted a convention of numbering days consecutively, beginning with day 1 = 01 January, 1975 and ending with day 500 = 14 May, 1976.

In the conversion table, the first column is the AIDJEX day, the second is the corresponding day of 1975 or 1976 and the third entry is the calendar date.

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STATION INFORMATION

In this section is a brief listing of all the stations at the indicated camp along with other pertinent information. A brief list of the terms and their meanings are shown below:

CAMP	Name of manned camp
STAT	PCM station
MODE	1 implies downtrace 2 implies uptrace
DY	Day
MON	Month
YR	Year
TIME	GMT time of station
CODE	Processing code, see table 8
AJXDAY	AIDJEX day (decimal) of station, see Appendix 3
D. MIN	Minimum depth (meters) of station
D. MAX	Maximum depth (meters) obtained at station
LATITUDE	Latitude of station in decimal degrees
LONGITUDE	Longitude of station in decimal degrees (- indicates West longitude)
LT. ERR	Error of latitude position in meters
LG. ERR	Error of longitude position in meters

CAMP	SEAT	MODE	DT	MON	YR	TIME	CODE	AJDAY	D.MIN	D.MAX	LATITUDE	LONGITUDE	LAT.EMK	LONG.EMK
BLUE FOX	1	1	1	MAY	75	1902	11	0	73	133	77.2	143.3	0.8	1.6
BLUE FOX	3	1	1	MAY	75	1903	11	0	73	133	77.2	143.3	0.8	1.6
BLUE FOX	4	1	1	MAY	75	1904	11	0	73	133	77.2	143.3	0.8	1.6
BLUE FOX	5	1	1	MAY	75	1905	11	0	73	133	77.2	143.3	0.8	1.6
BLUE FOX	7	1	1	MAY	75	1907	11	0	73	133	77.2	143.3	0.8	1.6
BLUE FOX	9	1	1	MAY	75	1909	11	0	73	133	77.2	143.3	0.8	1.6
BLUE FOX	11	1	1	MAY	75	1911	11	0	73	133	77.2	143.3	0.8	1.6
BLUE FOX	13	1	1	MAY	75	1913	11	0	73	133	77.2	143.3	0.8	1.6
BLUE FOX	15	1	1	MAY	75	1915	11	0	73	133	77.2	143.3	0.8	1.6
BLUE FOX	17	1	1	MAY	75	1917	11	0	73	133	77.2	143.3	0.8	1.6
BLUE FOX	19	1	1	MAY	75	1919	11	0	73	133	77.2	143.3	0.8	1.6
BLUE FOX	21	1	1	MAY	75	1921	11	0	73	133	77.2	143.3	0.8	1.6
BLUE FOX	23	1	1	MAY	75	1923	11	0	73	133	77.2	143.3	0.8	1.6
BLUE FOX	25	1	1	MAY	75	1925	11	0	73	133	77.2	143.3	0.8	1.6
BLUE FOX	27	1	1	MAY	75	1927	11	0	73	133	77.2	143.3	0.8	1.6
BLUE FOX	29	1	1	MAY	75	1929	11	0	73	133	77.2	143.3	0.8	1.6
BLUE FOX	31	1	1	MAY	75	1931	11	0	73	133	77.2	143.3	0.8	1.6
BLUE FOX	33	1	1	MAY	75	1933	11	0	73	133	77.2	143.3	0.8	1.6
BLUE FOX	35	1	1	MAY	75	1935	11	0	73	133	77.2	143.3	0.8	1.6
BLUE FOX	37	1	1	MAY	75	1937	11	0	73	133	77.2	143.3	0.8	1.6
BLUE FOX	39	1	1	MAY	75	1939	11	0	73	133	77.2	143.3	0.8	1.6
BLUE FOX	41	1	1	MAY	75	1941	11	0	73	133	77.2	143.3	0.8	1.6
BLUE FOX	43	1	1	MAY	75	1943	11	0	73	133	77.2	143.3	0.8	1.6
BLUE FOX	45	1	1	MAY	75	1945	11	0	73	133	77.2	143.3	0.8	1.6
BLUE FOX	47	1	1	MAY	75	1947	11	0	73	133	77.2	143.3	0.8	1.6
BLUE FOX	49	1	1	MAY	75	1949	11	0	73	133	77.2	143.3	0.8	1.6
BLUE FOX	51	1	1	MAY	75	1951	11	0	73	133	77.2	143.3	0.8	1.6
BLUE FOX	53	1	1	MAY	75	1953	11	0	73	133	77.2	143.3	0.8	1.6
BLUE FOX	55	1	1	MAY	75	1955	11	0	73	133	77.2	143.3	0.8	1.6
BLUE FOX	57	1	1	MAY	75	1957	11	0	73	133	77.2	143.3	0.8	1.6
BLUE FOX	59	1	1	MAY	75	1959	11	0	73	133	77.2	143.3	0.8	1.6
BLUE FOX	61	1	1	MAY	75	1961	11	0	73	133	77.2	143.3	0.8	1.6
BLUE FOX	63	1	1	MAY	75	1963	11	0	73	133	77.2	143.3	0.8	1.6
BLUE FOX	65	1	1	MAY	75	1965	11	0	73	133	77.2	143.3	0.8	1.6
BLUE FOX	67	1	1	MAY	75	1967	11	0	73	133	77.2	143.3	0.8	1.6
BLUE FOX	69	1	1	MAY	75	1969	11	0	73	133	77.2	143.3	0.8	1.6
BLUE FOX	71	1	1	MAY	75	1971	11	0	73	133	77.2	143.3	0.8	1.6

CAMP	STAT	MODE	DAY	MON	YR	TIME	CODE	AJAWAY	D.MIN	D.MAX	LATITUDE	LONGITUDE	LAT. ENK	LONG. ENK
BLUE FOX	482	1	23	MAX	76	1800	3	447	33	710	7117	15581	023	071
BLUE FOX	483	1	24	MAX	76	1803	3	448	33	710	1700	15582	023	071
BLUE FOX	488	1	25	MAX	76	1800	3	449	33	710	1700	15583	023	071
BLUE FOX	470	1	26	MAX	76	1800	3	450	33	710	1700	15584	023	071
BLUE FOX	474	1	27	MAX	76	1800	3	451	33	710	1700	15585	023	071
BLUE FOX	474	1	28	MAX	76	1800	3	452	33	710	1700	15586	023	071
BLUE FOX	476	1	29	MAX	76	1800	3	453	33	710	1700	15587	023	071
BLUE FOX	480	1	30	MAX	76	1800	3	454	33	710	1700	15588	023	071
BLUE FOX	482	1	31	MAX	76	1800	3	455	33	710	1700	15589	023	071
BLUE FOX	483	1	1	APR	76	1800	3	456	33	710	1700	15590	023	071
BLUE FOX	484	1	2	APR	76	1800	3	457	33	710	1700	15591	023	071
BLUE FOX	486	1	3	APR	76	1800	3	458	33	710	1700	15592	023	071
BLUE FOX	488	1	4	APR	76	1800	3	459	33	710	1700	15593	023	071
BLUE FOX	490	1	5	APR	76	1800	3	460	33	710	1700	15594	023	071
BLUE FOX	492	1	6	APR	76	1800	3	461	33	710	1700	15595	023	071
BLUE FOX	494	1	7	APR	76	1800	3	462	33	710	1700	15596	023	071
BLUE FOX	496	1	8	APR	76	1800	3	463	33	710	1700	15597	023	071
BLUE FOX	498	1	9	APR	76	1800	3	464	33	710	1700	15598	023	071
BLUE FOX	500	1	10	APR	76	1800	3	465	33	710	1700	15599	023	071
BLUE FOX	502	1	11	APR	76	1800	3	466	33	710	1700	15600	023	071
BLUE FOX	504	1	12	APR	76	1800	3	467	33	710	1700	15601	023	071
BLUE FOX	506	1	13	APR	76	1800	3	468	33	710	1700	15602	023	071
BLUE FOX	508	1	14	APR	76	1800	3	469	33	710	1700	15603	023	071
BLUE FOX	510	1	15	APR	76	1800	3	470	33	710	1700	15604	023	071
BLUE FOX	512	1	16	APR	76	1800	3	471	33	710	1700	15605	023	071
BLUE FOX	514	1	17	APR	76	1800	3	472	33	710	1700	15606	023	071
BLUE FOX	516	1	18	APR	76	1800	3	473	33	710	1700	15607	023	071
BLUE FOX	518	1	19	APR	76	1800	3	474	33	710	1700	15608	023	071
BLUE FOX	520	1	20	APR	76	1800	3	475	33	710	1700	15609	023	071
BLUE FOX	522	1	21	APR	76	1800	3	476	33	710	1700	15610	023	071

OUTPUT FORMAT OF FINAL DATA

This report consists entirely of salinity and temperature data taken at the AIDJEX manned camp Blue Fox. A Plessey 9040 STD, which provided a majority of the data, was later replaced by a CTD of the same manufacturer. Casts were normally taken to a depth of 750 meters with some extending to 3000 meters.

Station information is provided in three different formats consisting of 1) numerical listings, 2) profiles of temperature, salinity and sigma-t ($T-S-\sigma_t$) with depth, and 3) monthly time series of nested temperature and salinity profiles. In general, two profiles of $T-S-\sigma_t$ are graphically shown on one page of the data report. On the facing page, the corresponding numerical listings of the stations are shown.

The numerical data consists of other parameters relative to the station and in some cases are abbreviated to save space. A list of the abbreviated terms and their meanings can be found in Table 5. The main body of the numerical listing consists of values of temperature, potential temperature, salinity, sigma-t (σ_t), specific volume anomaly, dynamic height and sound velocity against various interpolated levels of depth. Since upper surface layer data are omitted from the data set at all camps (the sensor being in the hydrohole), surface readings of temperature and salinity are duplicated from the first data seen in the cast. The first and last data of the station are shown as one of the first values below the depth of 0.0 meters and the last values of the listing respectively.

Some station listings will show nothing for dynamic height. This implies that either the segment of missing data in the profile was too large to interpolate over, or only temperature or salinity data was available and it was impossible to calculate some parameters.

Average values of the bottle data at a particular depth level are also listed at the bottom of the data listing.

Corresponding profiles of temperature, salinity and sigma-t for the station listing are shown on the facing page.

The label at the end of each trace (T-S- σ_t) indicates the parameter of temperature, salinity and sigma-t respectively. Scales at the upper part of the diagram are labeled to correspond to the parameters and are also shifted with respect to one another to provide the maximum amount of non-interference of traces. Depth is in meters. Station identification and date are in the lower left hand corner in the following format:

CP STN-MOD
MONTH - DAY - YEAR

where

CP is the camp identifier

CB = Caribou

BF = Blue Fox

SB = Snowbird

BB = Big Bear

STN is the station number

MOD is the mode

1 = downtrace

2 = uptrace

Salinity values obtained from the bottle data are plotted on the traces as a "X". Temperature values obtained from the reversing thermometers are indicated on the trace as a "+".

Where station depth exceeds 800 meters, the entire station listing as well as the profile will each take up one full page. The listing from 800 meters on down will occupy the second half of the listing page while the corresponding plot on the facing page will show the entire profile to a fixed limit of 3000 meters. Deep stations are designed in this output format so as not to be split up into two pages. As a result, there may be a few cases where only one shallow station is listed or plotted on one page.

A third type of output format is a series of temperature or salinity profiles to a maximum depth of 750 m nested in one month blocks. These are found in "Results - Section 1". Station numbers at the end of the trace are indicated. All other labeling is self-explanatory.

TABLE 5

Definitions and Meanings of Abbreviated Terms in the Station Listings

Big Bear	First main camp
Caribou	Satellite camp later to become main camp
Blue Fox	Satellite camp
Snowbird	Satellite camp
Station xxx (y)	Station number (xxx) and mode of trace (y) used where:
STD	Station taken with STD y = 1 indicates downtrace
CTD	Station taken with CTD y = 2 indicates uptrace
GMT	Times shown are Greenwich mean time
CODE = I	Processing Code where if I =
A) 1 → 5	profile contains both temperature and salinity data.
1)	data from magnetic tape
2)	data from manual digitization of analog charts
3)	subsequent filtering below 250 m in salinity only
4)	subsequent filtering below 250 m in temperature only
5)	subsequent filtering below 250 m in both temperature and salinity
B) 11 → 13,	profile is in salinity only
11)	data from magnetic tape
12)	data from manual digitization of analog charts
13)	filtered below 250 meters
C) 21 → 23,	profile in temperature only
21)	data from magnetic tape
22)	data from manual digitization of analog charts
23)	filtered below 250 meters
LAT	Latitude in decimal degrees N (North)
LONG	Longitude in decimal degrees, W (West)

TABLE 5 (cont'd.)

LTER	Estimate of positional error for latitude in meters
LGER	Estimate of positional error for longitude in meters
AIR TEMP	Air temperature in degrees C at 2 meters above surface of ice
BAROM	Barometric pressure in millibars, taken at surface
WIND	Wind direction in degrees true north, taken at 10 meters above surface of ice
SPEED	Wind speed in meters/sec., taken at 10 meters above surface of ice

LISTING PARAMETERS

DEPTH	Depth in meters
TEMP	Temperature in degrees C
PTEMP	Potential temperature in degree C
SALIN	Salinity in parts per thousand
SIG T	Sigma-t density where: density (ρ) = 1.0 + ((Sig T) *1000.0)
SPVOL	Specific volume anomaly ($\times 10^{-5} \text{cm}^3/\text{gm}$)
DYNHT	Dynamic height (dynamic meters)
SOUND	Sound velocity in meters/sec., calculated from Matthews equation

BOTTLE DATA LISTING

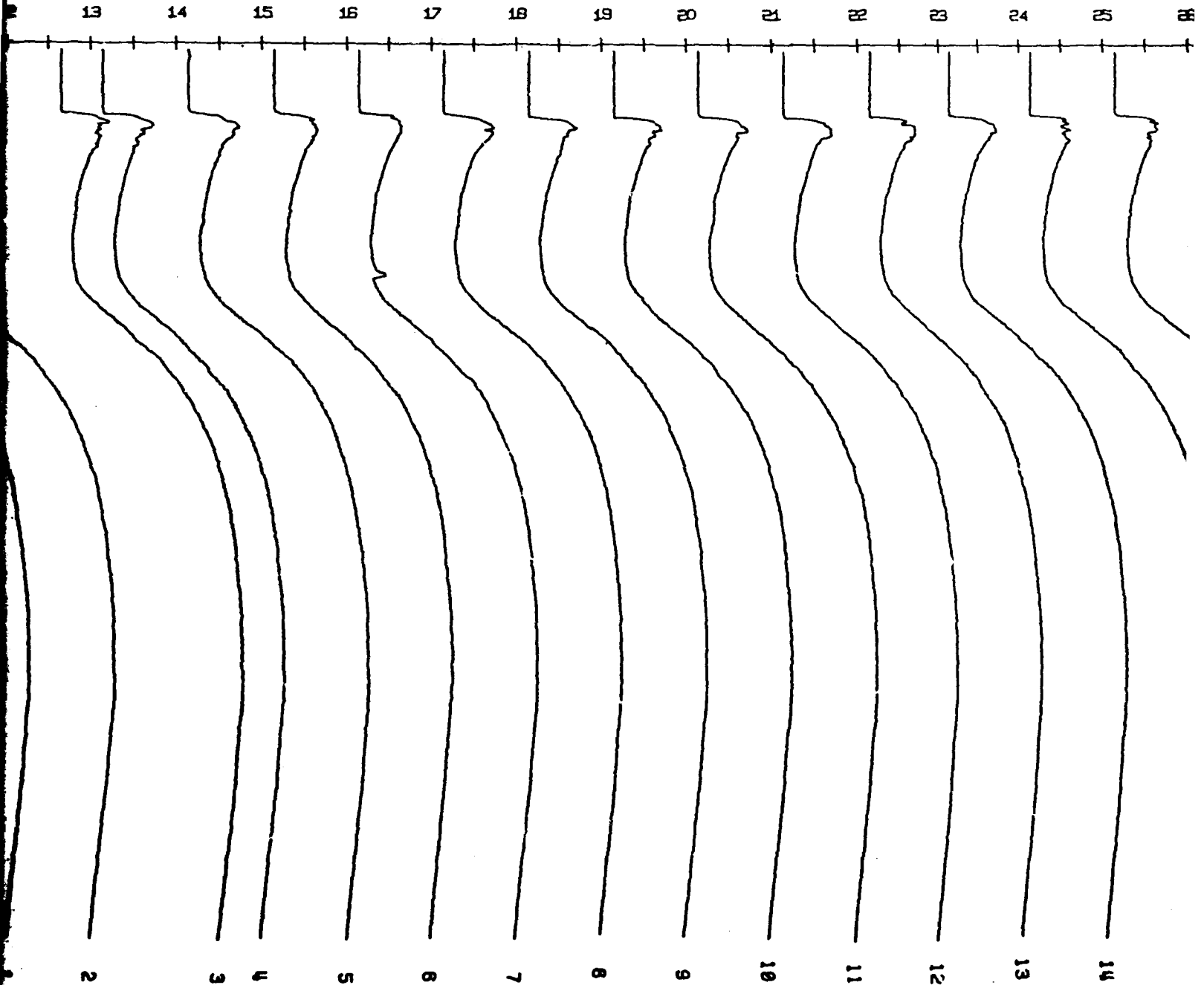
DEPTH	Depth in meters at which bottle was tripped
TEMP	Average temperature of reversing thermometers in degrees C
SAL	Determined salinity of water sample taken at depth indicated, in ppt.

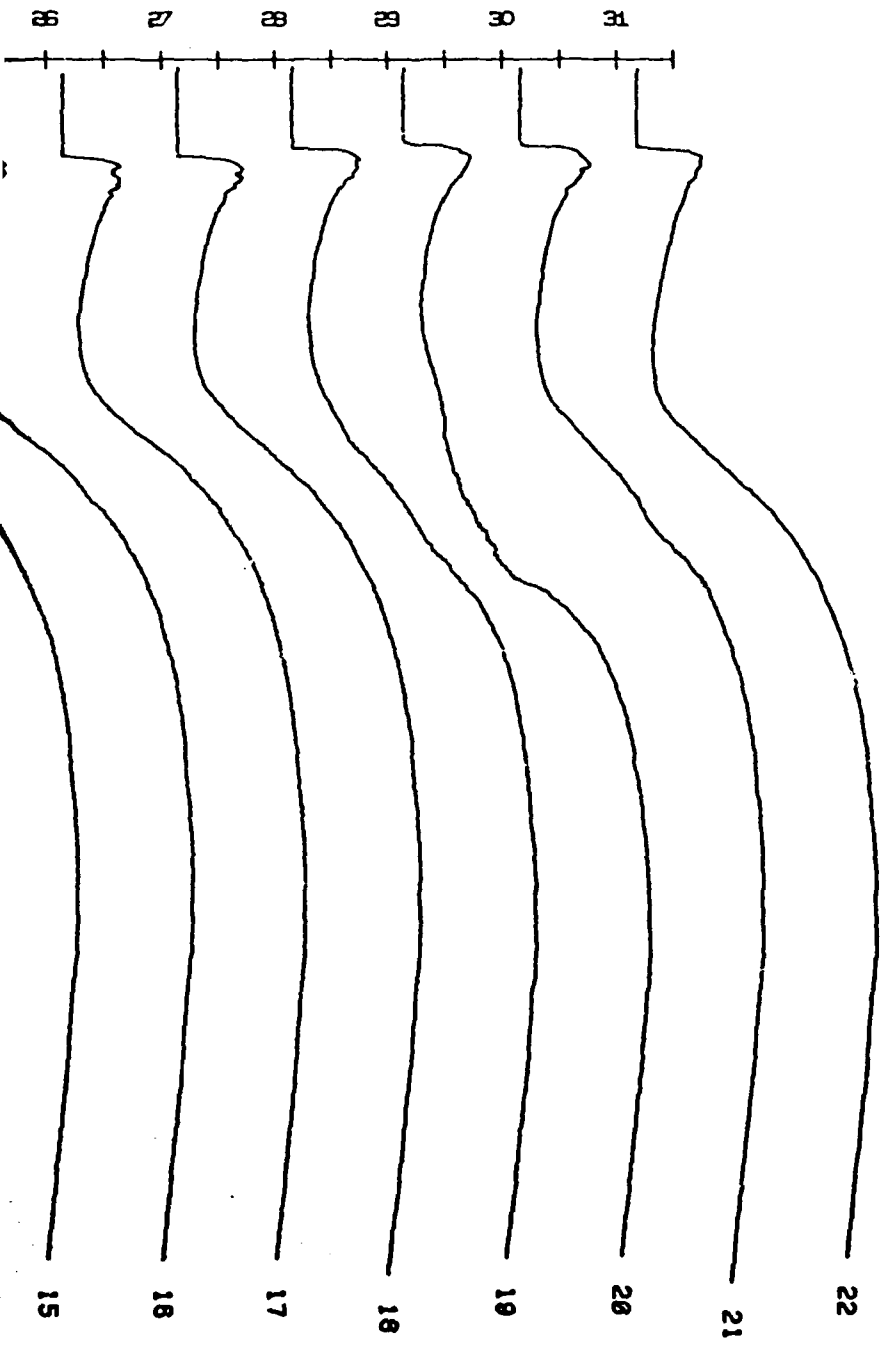
RESULTS

Section 1 (Nested Vertical Profiles)

This section contains the plots of temperature and salinity to a depth of 750 meters nested into a monthly time series.

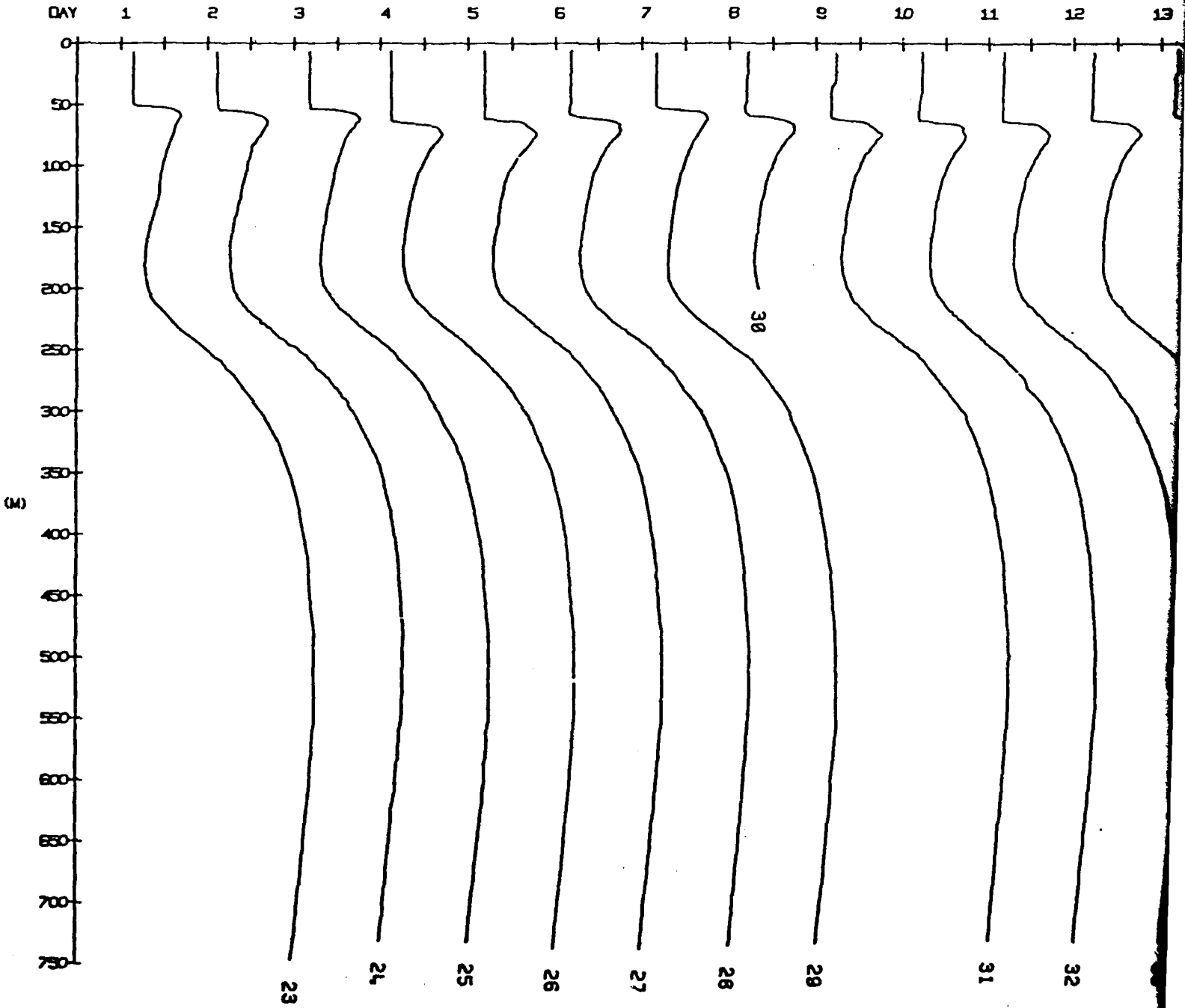
TEMPERATURE PROFILES AT CAMP BLUE FOX
MAY 1, 1975 TO MAY 31, 1975



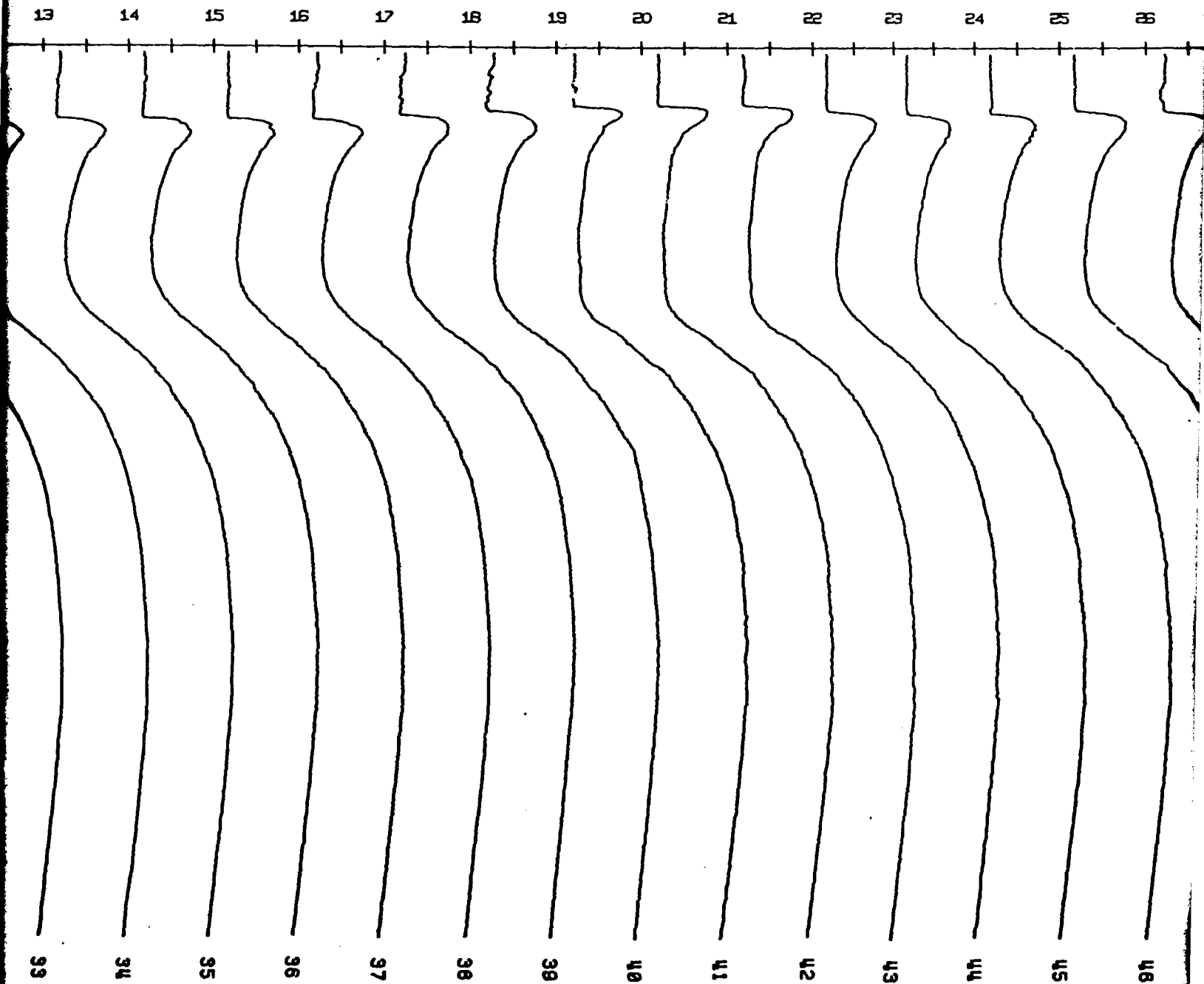


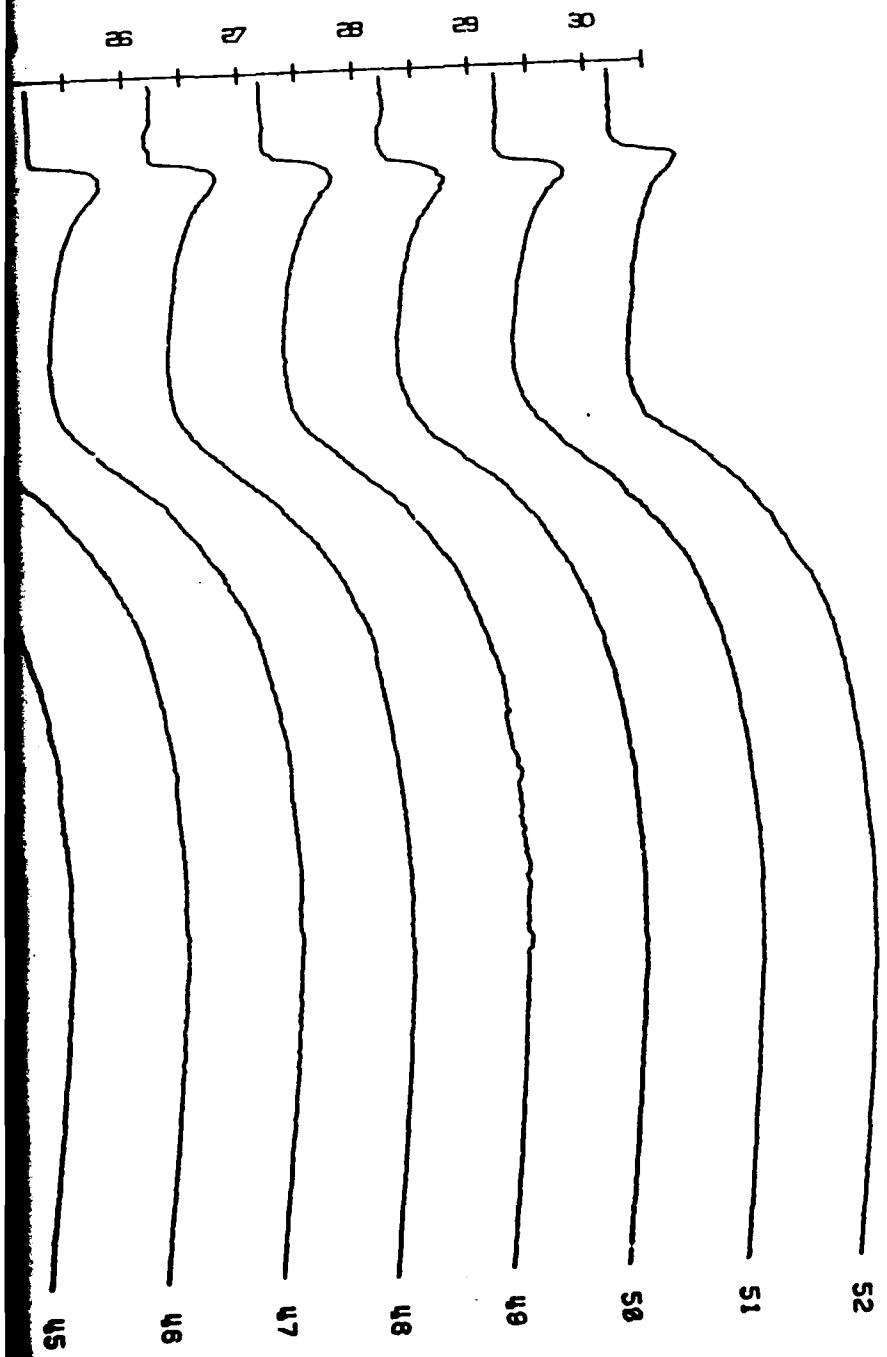
TEMPERA
JUN

- NO MORE THAN ONE PROFILE PER HALF DAY (AM/PM GMT) IS PLOTTED
- EACH PROFILE PLOTTED WITH RESPECT TO LEFT DIVISION MARK (-1.8 DEG. C.)
- TEMPERATURE SCALE SHIFTS RIGHT 1 DIVISION (0.5 DEG. C.) PER HALF DAY



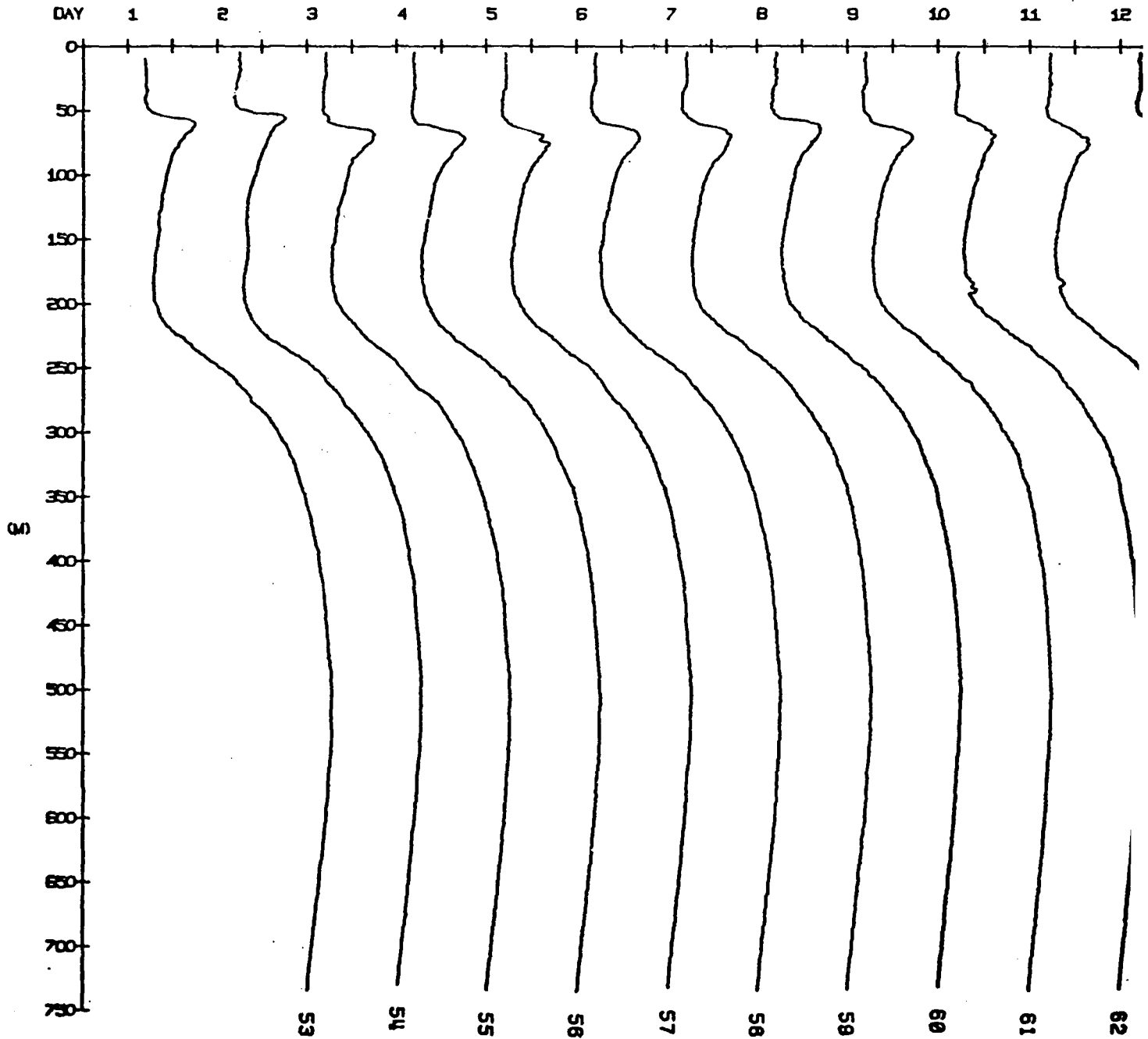
TEMPERATURE PROFILES AT CAMP BLUE FOX
JUN 1, 1975 TO JUN 30, 1975



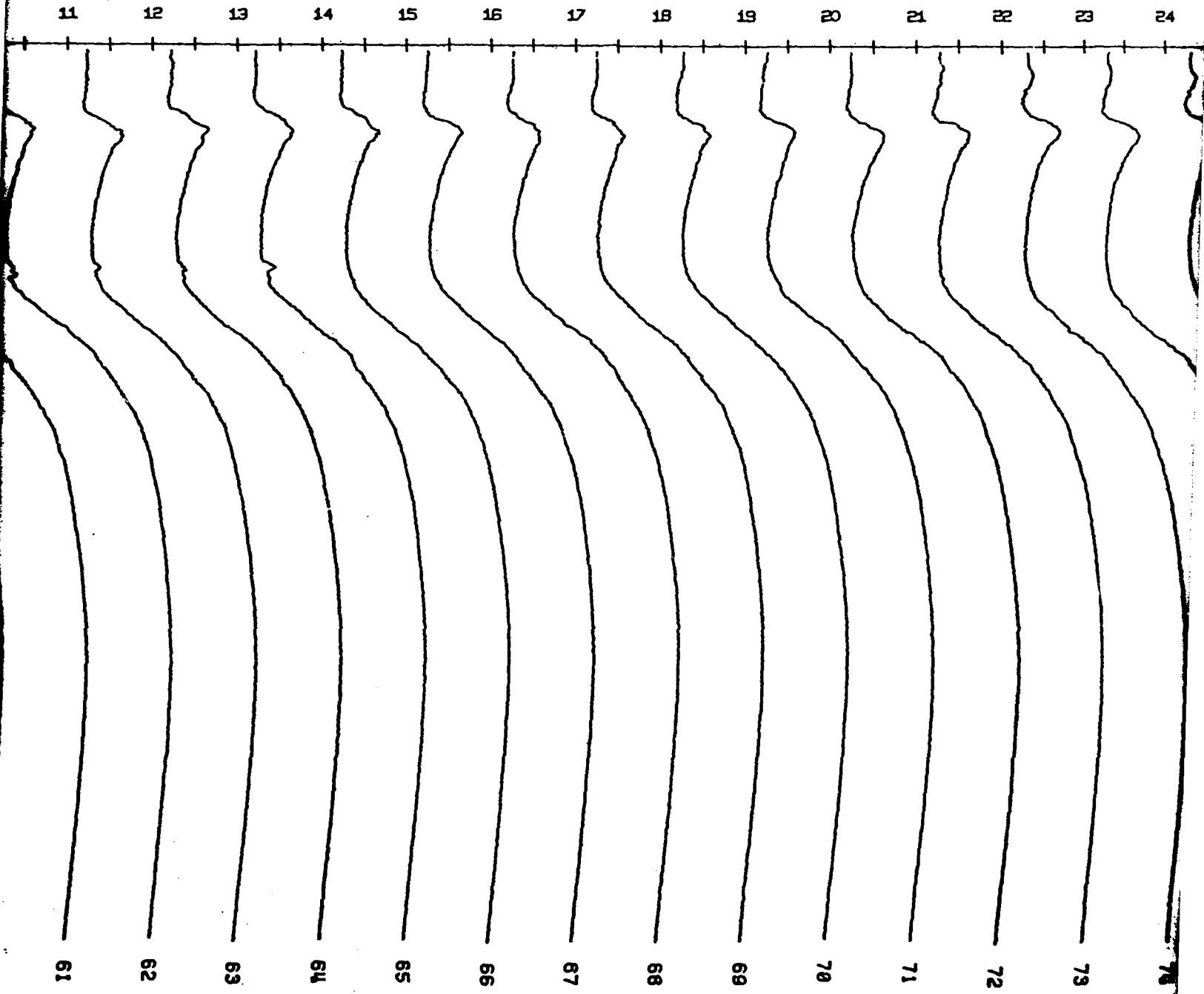


21

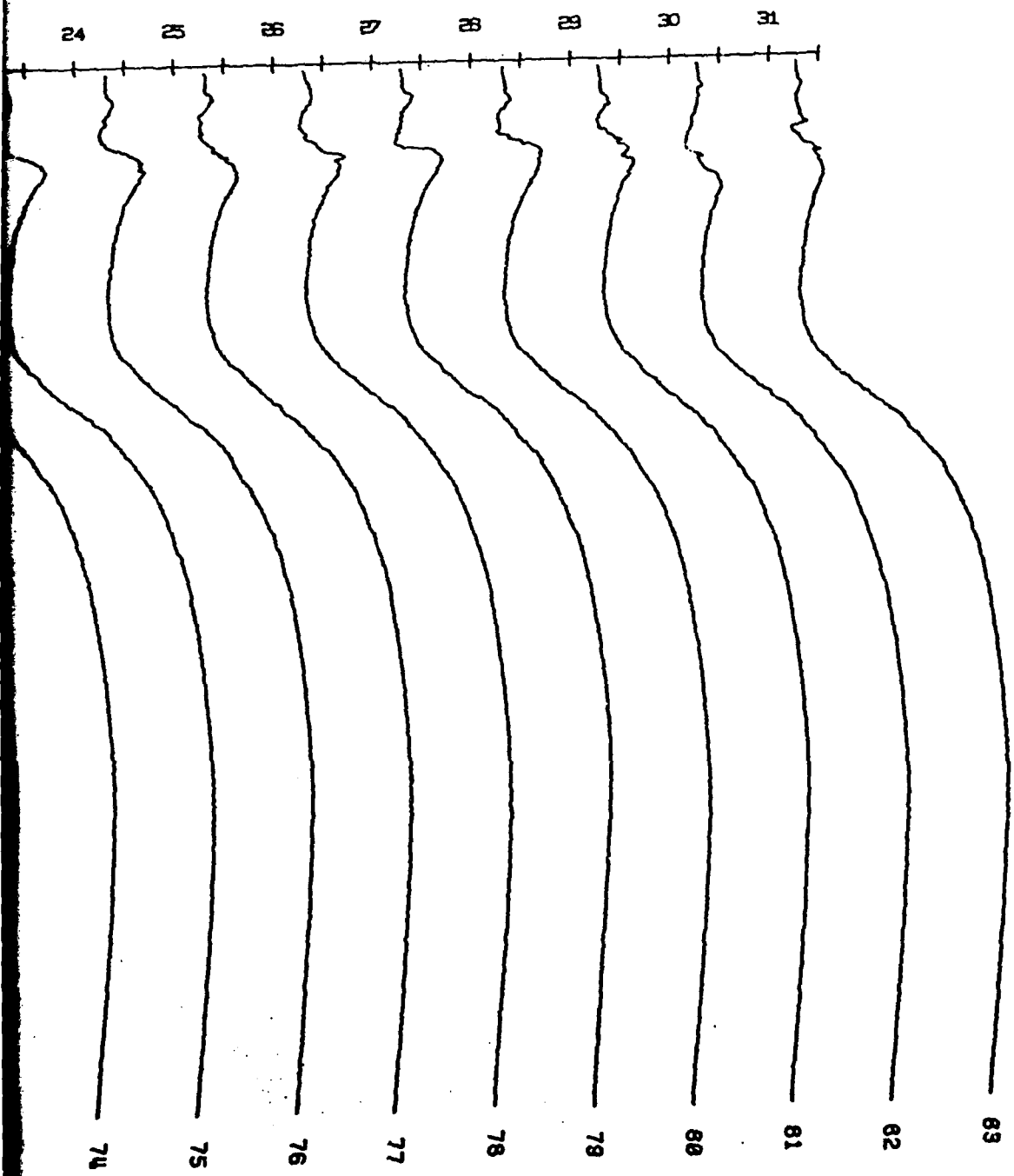
- NO MORE THAN ONE PROFILE PER HALF DAY (AM/PM GMT) IS PLOTTED
- EACH PROFILE PLOTTED WITH RESPECT TO LEFT DIVISION MARK (-1.8 DEG. C.)
- TEMPERATURE SCALE SHIFTS RIGHT 1 DIVISION (0.5 DEG. C.) PER HALF DAY



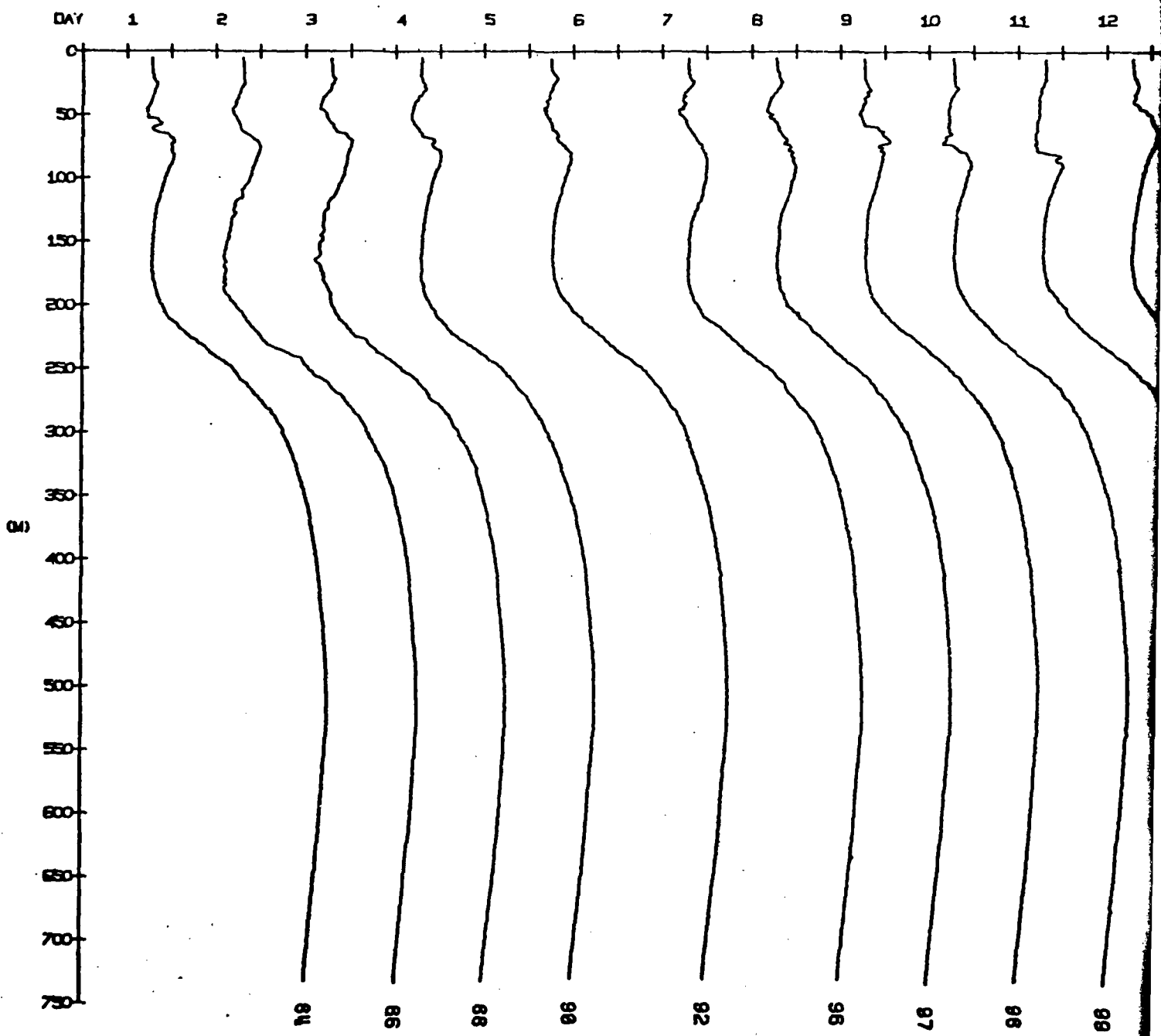
TEMPERATURE PROFILES AT CAMP BLUE FOX
JUL 1, 1975 TO JUL 31, 1975



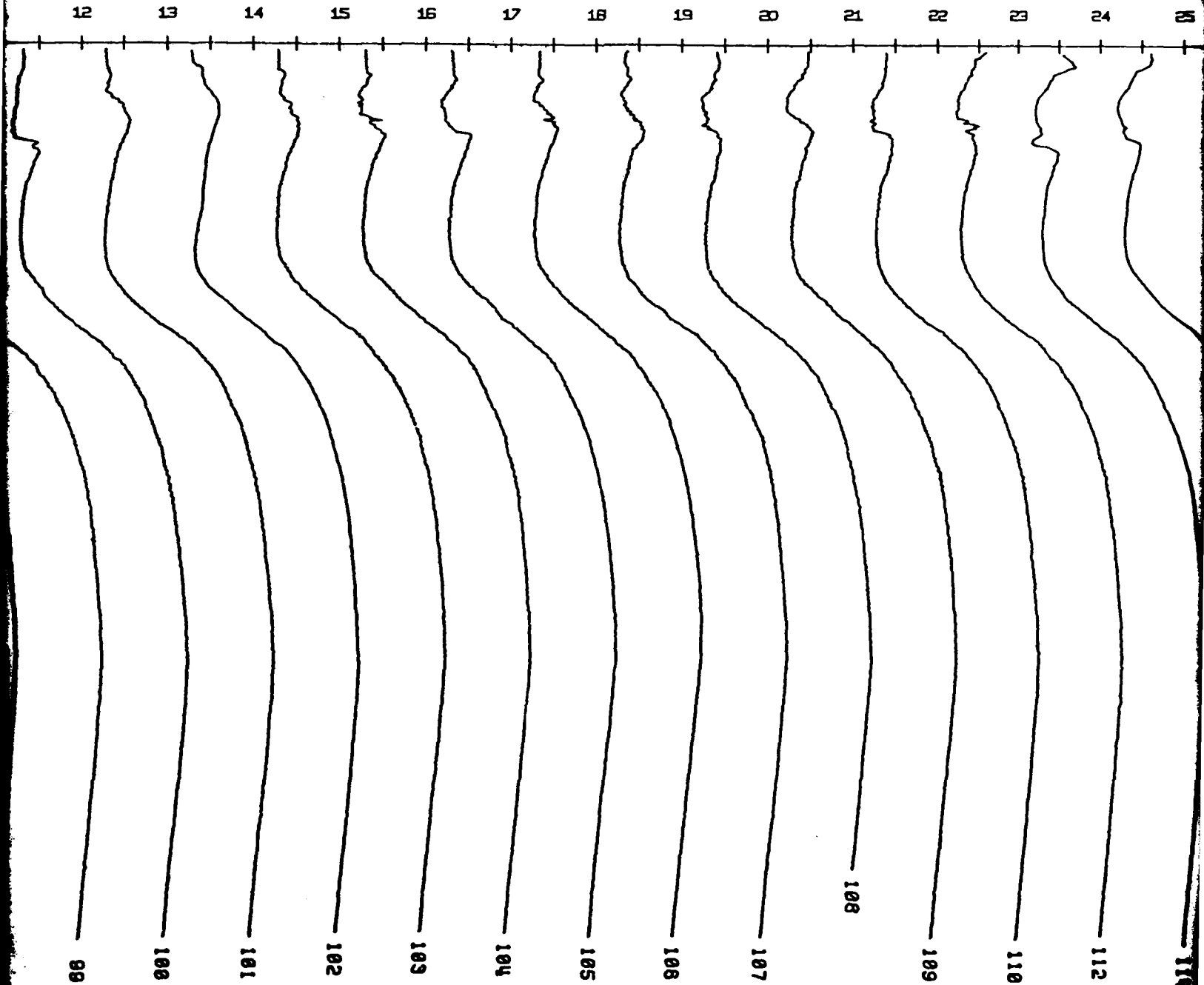
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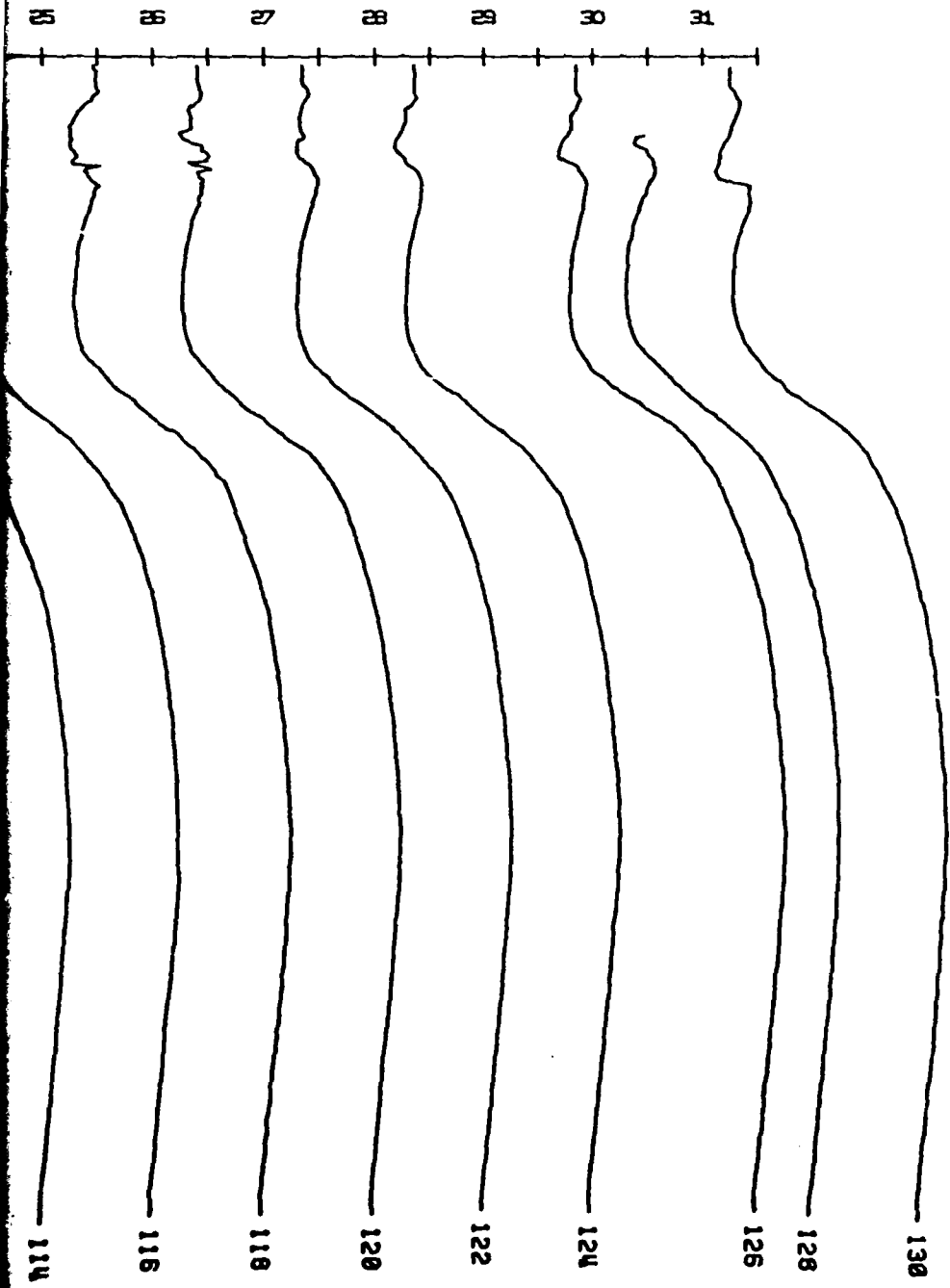


- NO MORE THAN ONE PROFILE PER HALF DAY (AM/PM GMT) IS PLOTTED
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- TEMPERATURE SCALE SHIFTS RIGHT 1 DIVISION (0.5 DEG. C.) PER HALF DAY



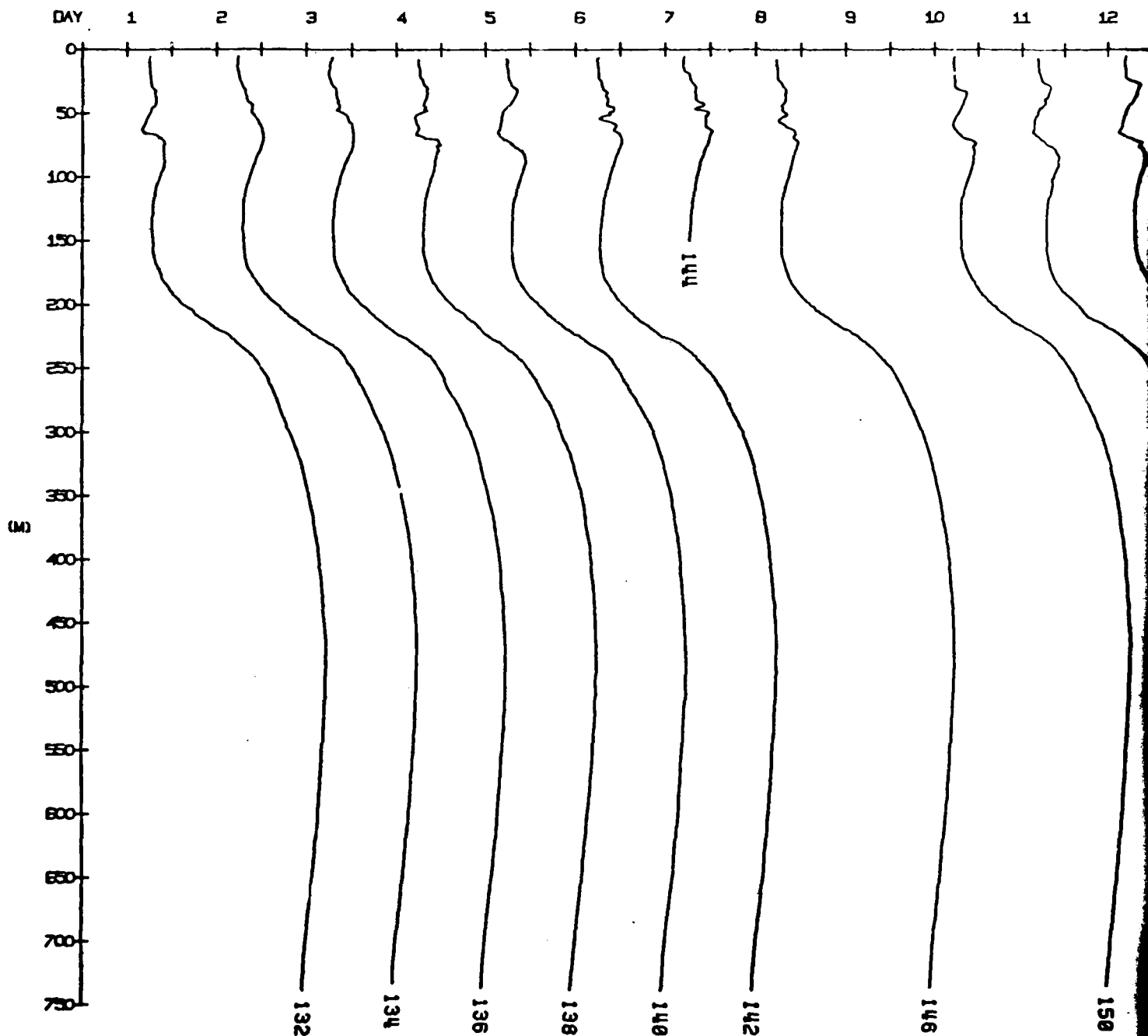
TEMPERATURE PROFILES AT CAMP BLUE FOX
AUG 1, 1975 TO AUG 31, 1975



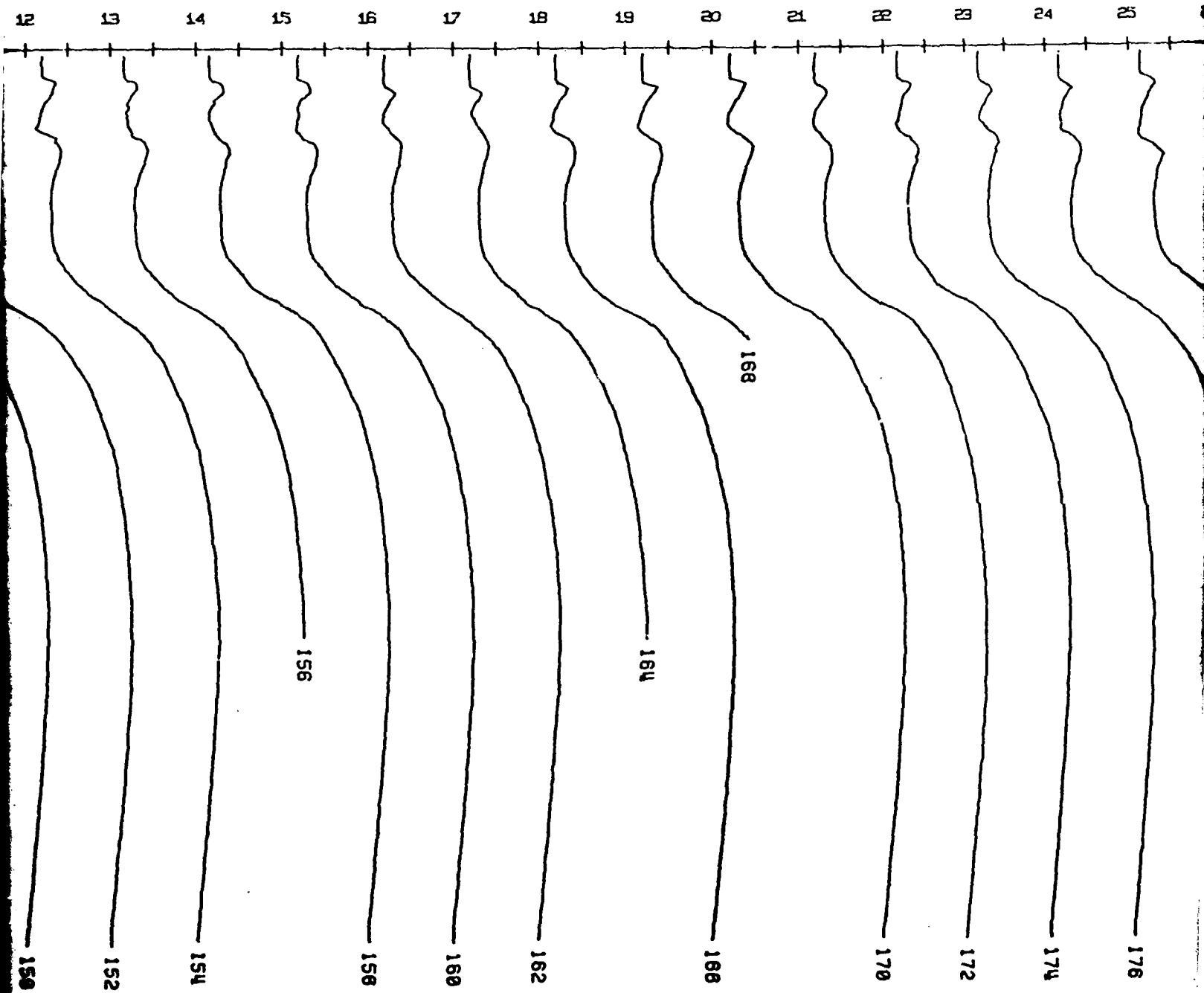


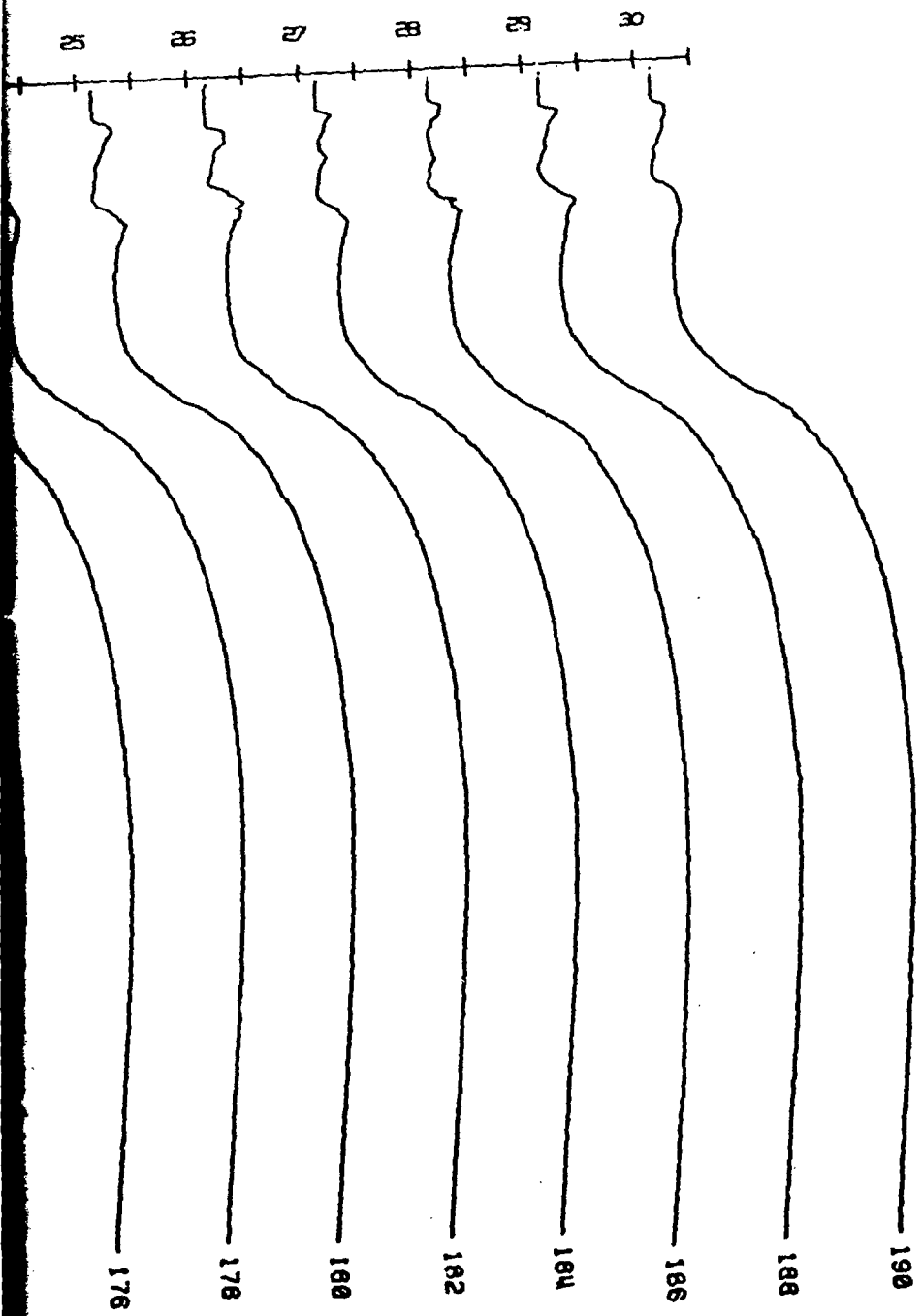
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- NO MORE THAN ONE PROFILE PER HALF DAY (AM/PM GMT) IS PLOTTED
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- TEMPERATURE SCALE SHIFTS RIGHT 1 DIVISION (0.5 DEG. C.) PER HALF DAY

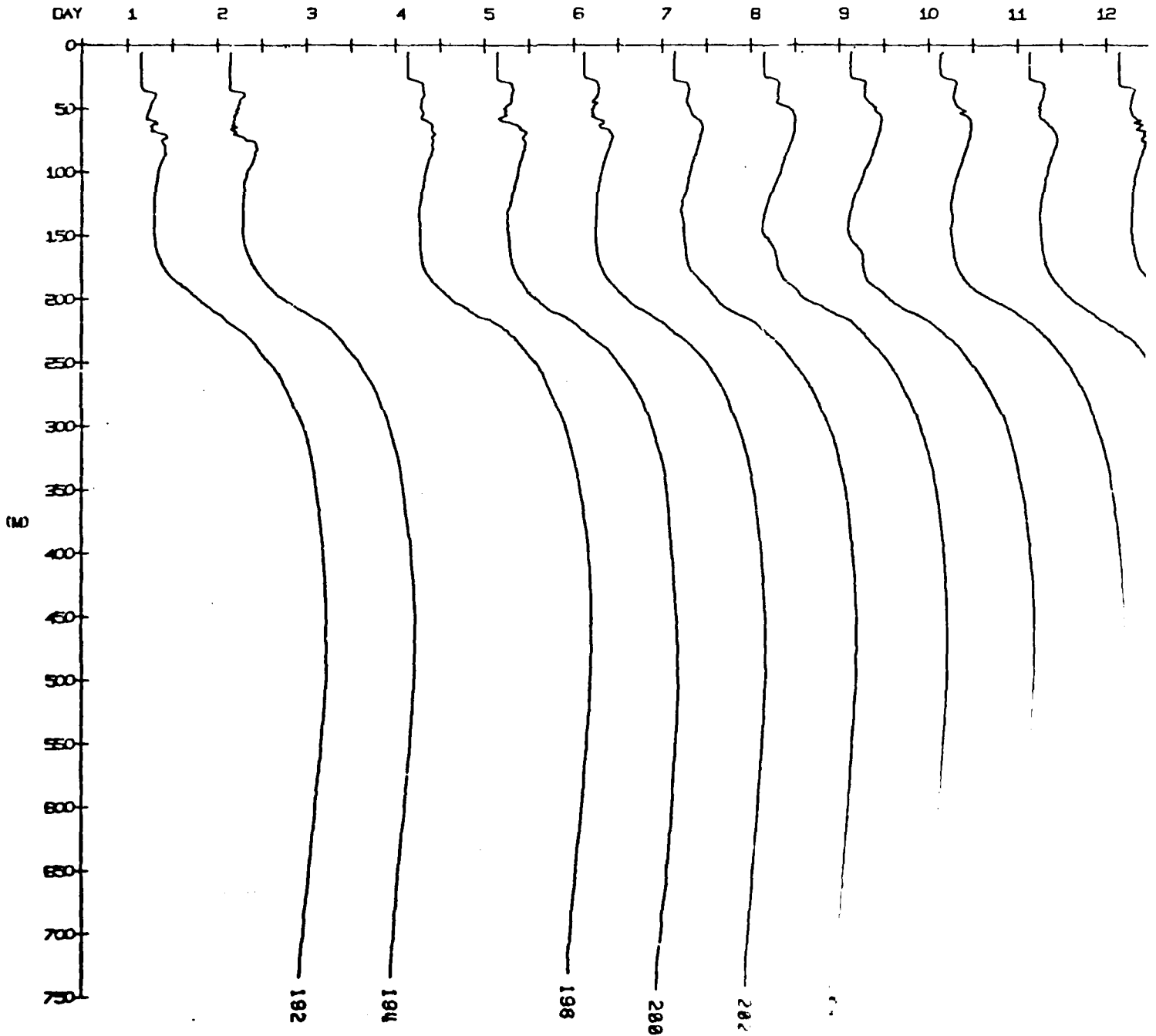


TEMPERATURE PROFILES AT CAMP BLUE FOX
SEP 1, 1975 TO SEP 30, 1975





- NO MORE THAN ONE PROFILE PER HALF DAY (AM/PM GMT) IS PLOTTED
- EACH PROFILE PLOTTED WITH RESPECT TO LEFT DIVISION MARK (-1.8 DEG.C.)
- TEMPERATURE SCALE SHIFTS RIGHT 1 DIVISION (0.5 DEG. C.) PER HALF DAY



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LAMONT-DOHERTY GEOLOGICAL OBSERVATORY PALISADES NY

F/G 8/10

ARCTIC ICE DYNAMICS JOINT EXPERIMENT 1975-1976. PHYSICAL OCEANO--ETC(U)

FEB 80 E BAUER, K HUNKINS, T O MANLEY

N00014-76-C-0004

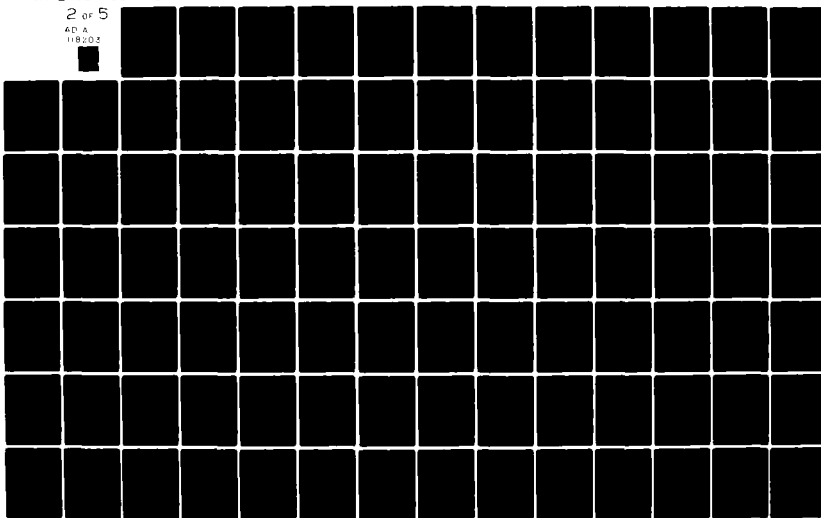
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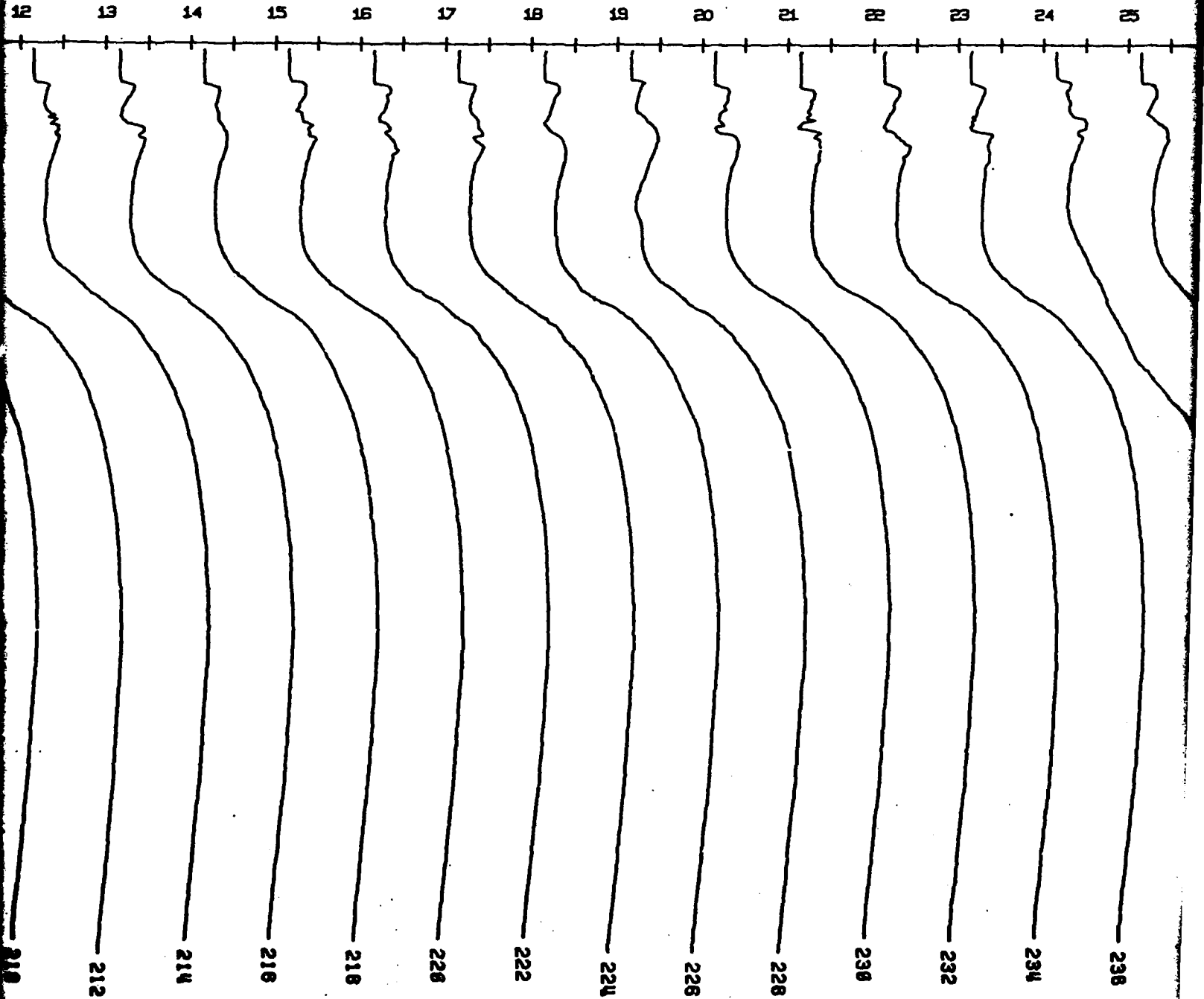
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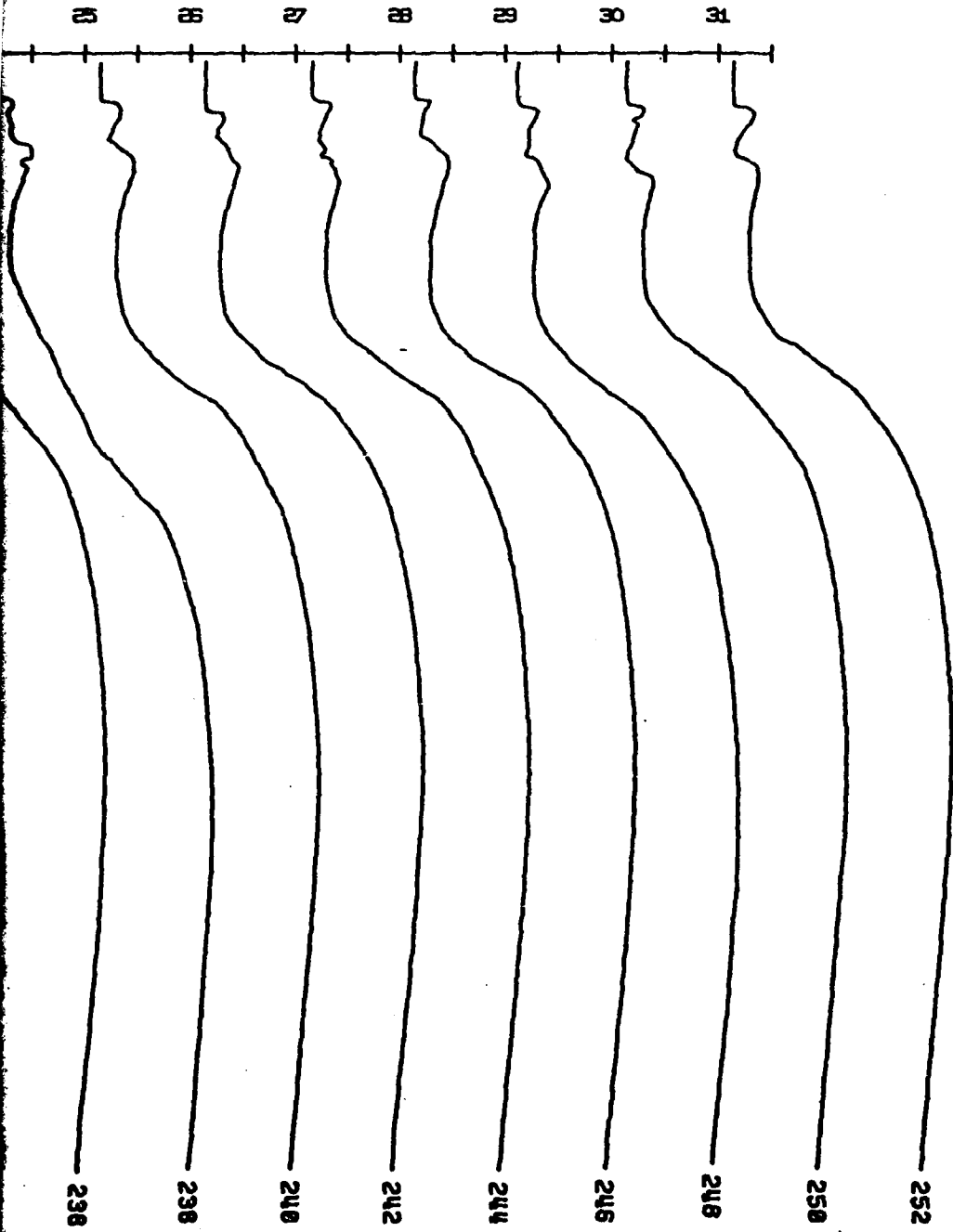
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TEMPERATURE PROFILES AT CAMP BLUE FOX
OCT 1, 1975 TO OCT 31, 1975



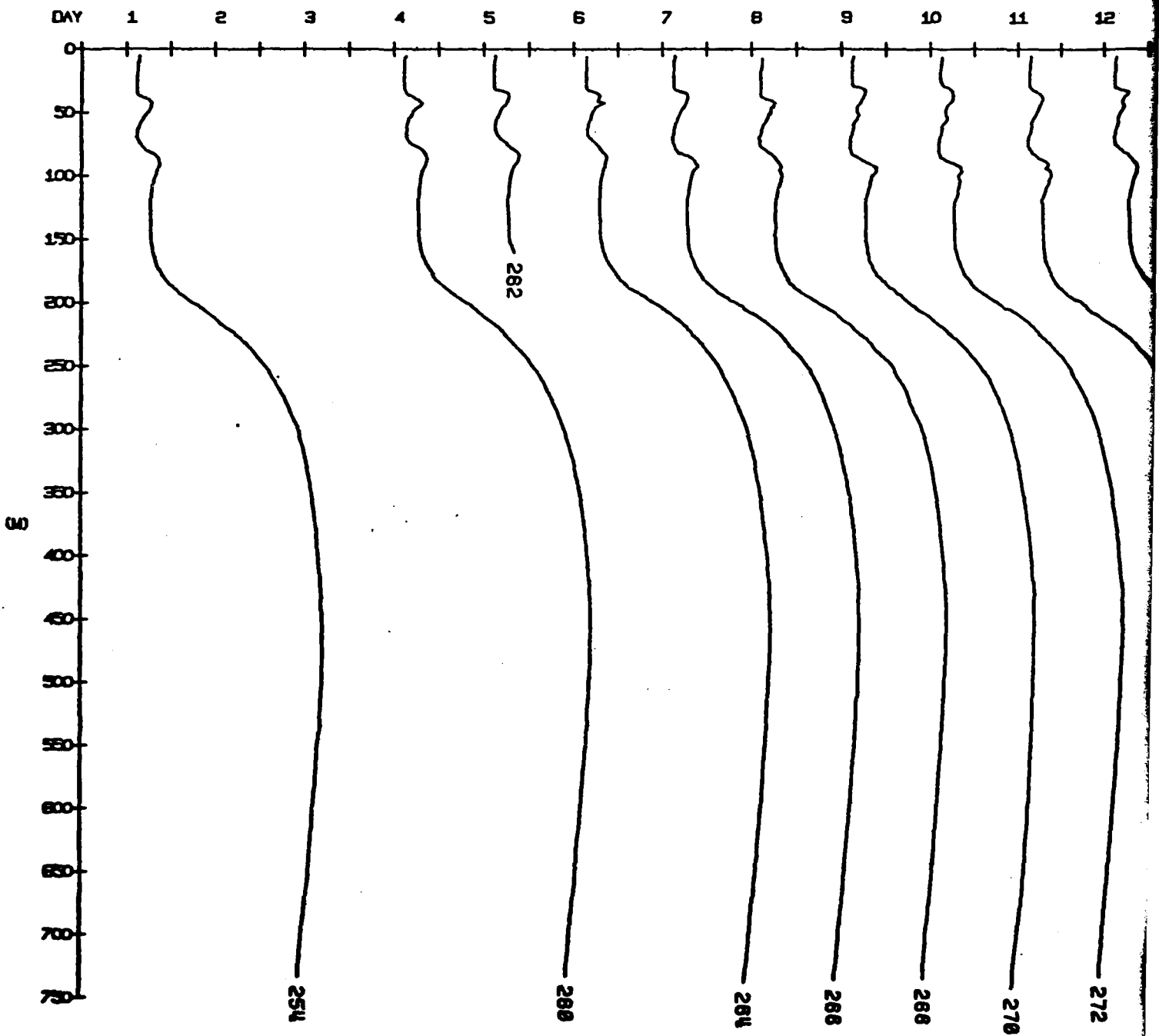
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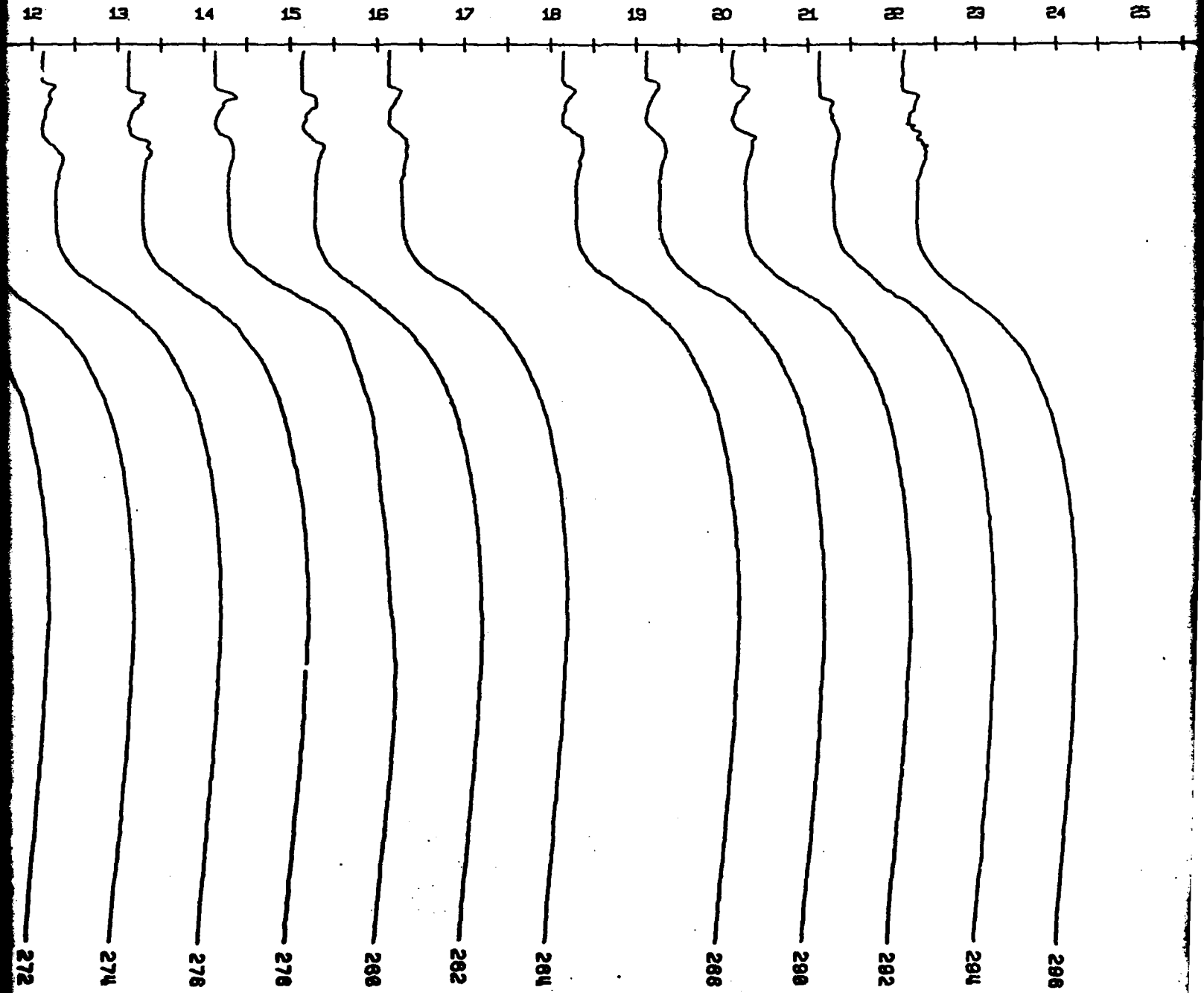
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TEMP

- NO MORE THAN ONE PROFILE PER HALF DAY (AM/PM GMT) IS PLOTTED
- EACH PROFILE PLOTTED WITH RESPECT TO LEFT DIVISION MARK (-1.8 DEG.C.)
- TEMPERATURE SCALE SHIFTS RIGHT 1 DIVISION (0.5 DEG. C.) PER HALF DAY



TEMPERATURE PROFILES AT CAMP BLUE FOX
NOV 1, 1975 TO NOV 30, 1975



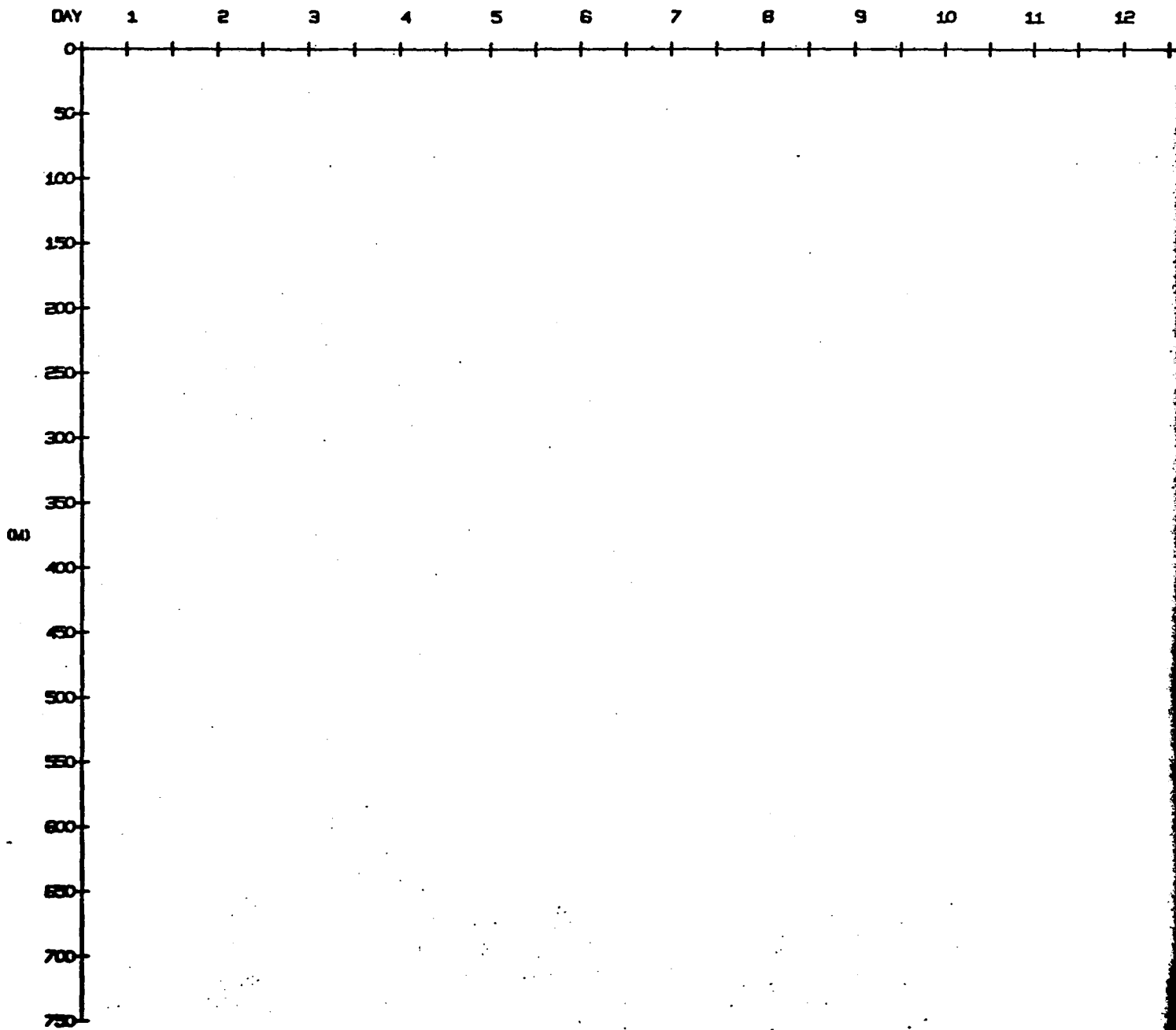
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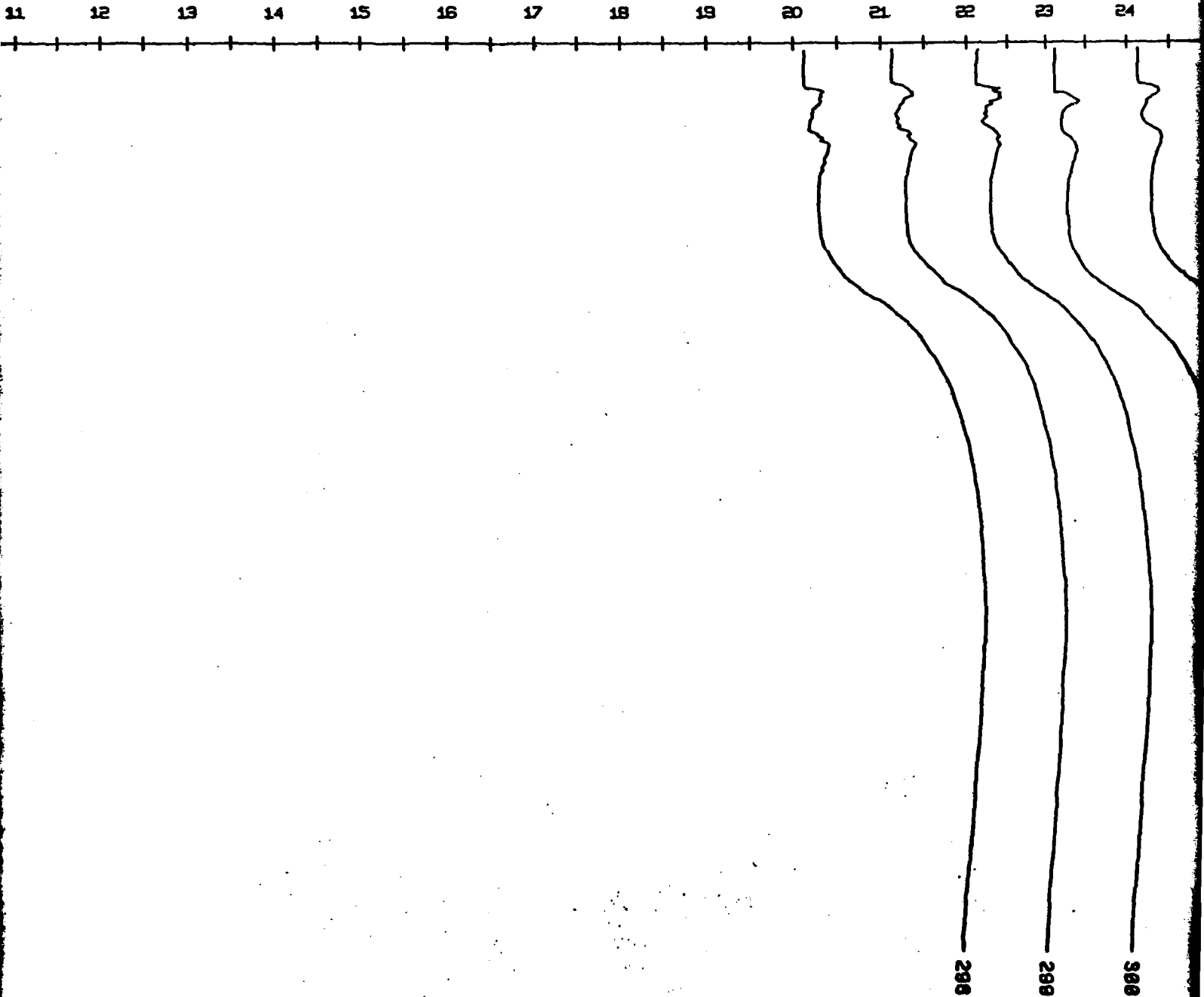
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3

- NO MORE THAN ONE PROFILE PER HALF DAY (AM/PM GMT) IS PLOTTED
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- TEMPERATURE SCALE SHIFTS RIGHT 1 DIVISION (0.5 DEG. C.) PER HALF DAY

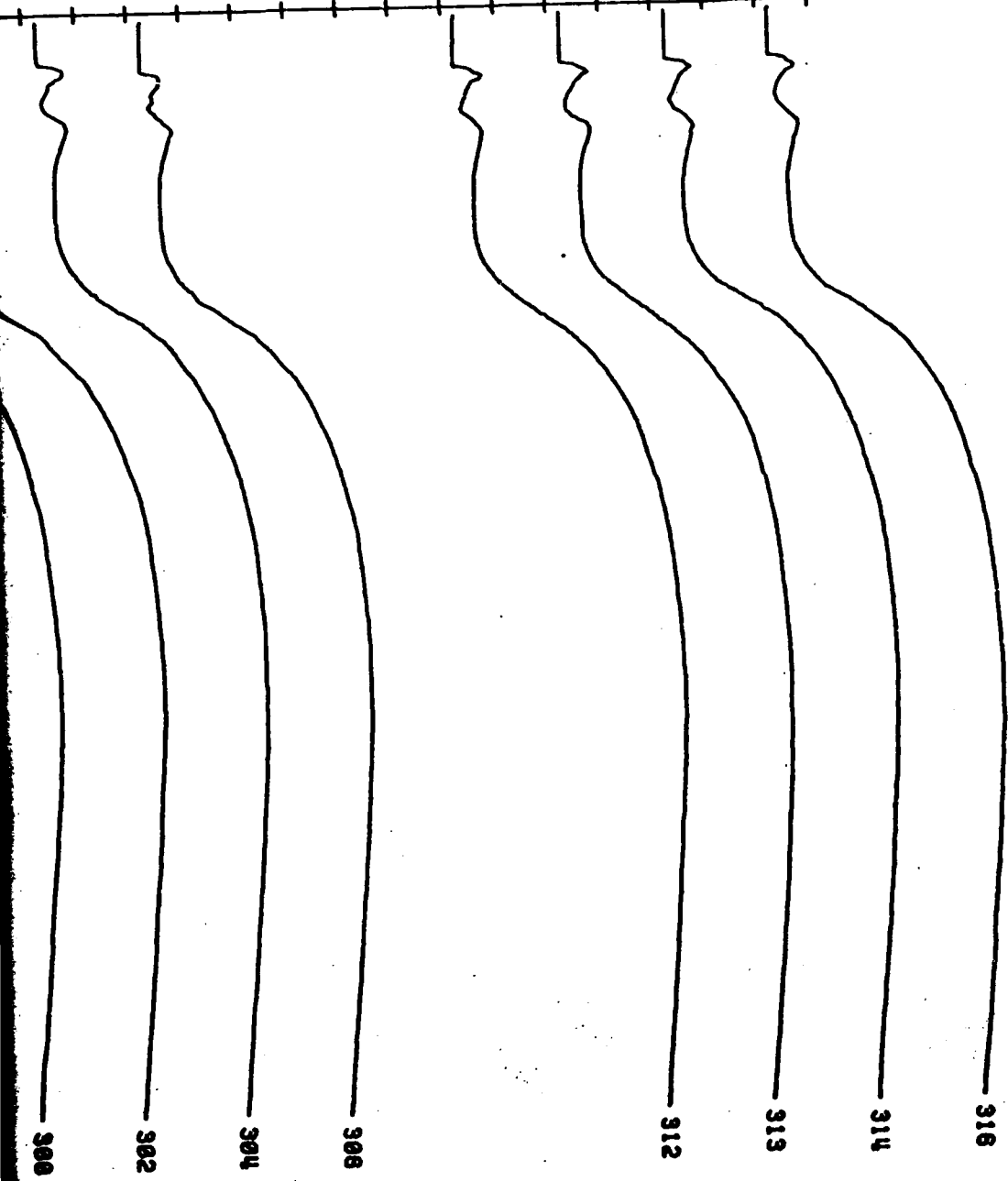


TEMPERATURE PROFILES AT CAMP BLUE FOX
DEC 1, 1975 TO DEC 31, 1975



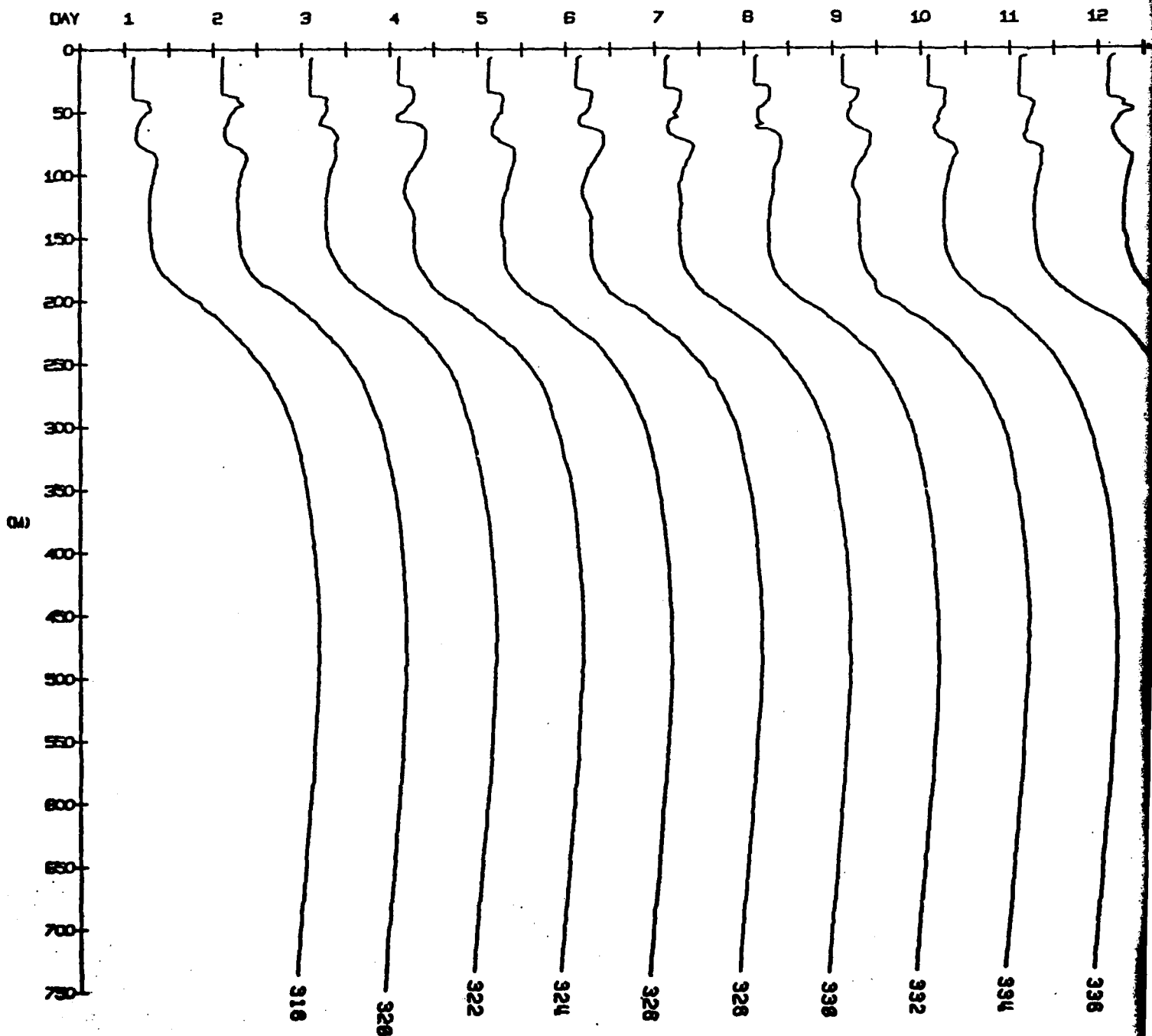
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24 25 26 27 28 29 30 31

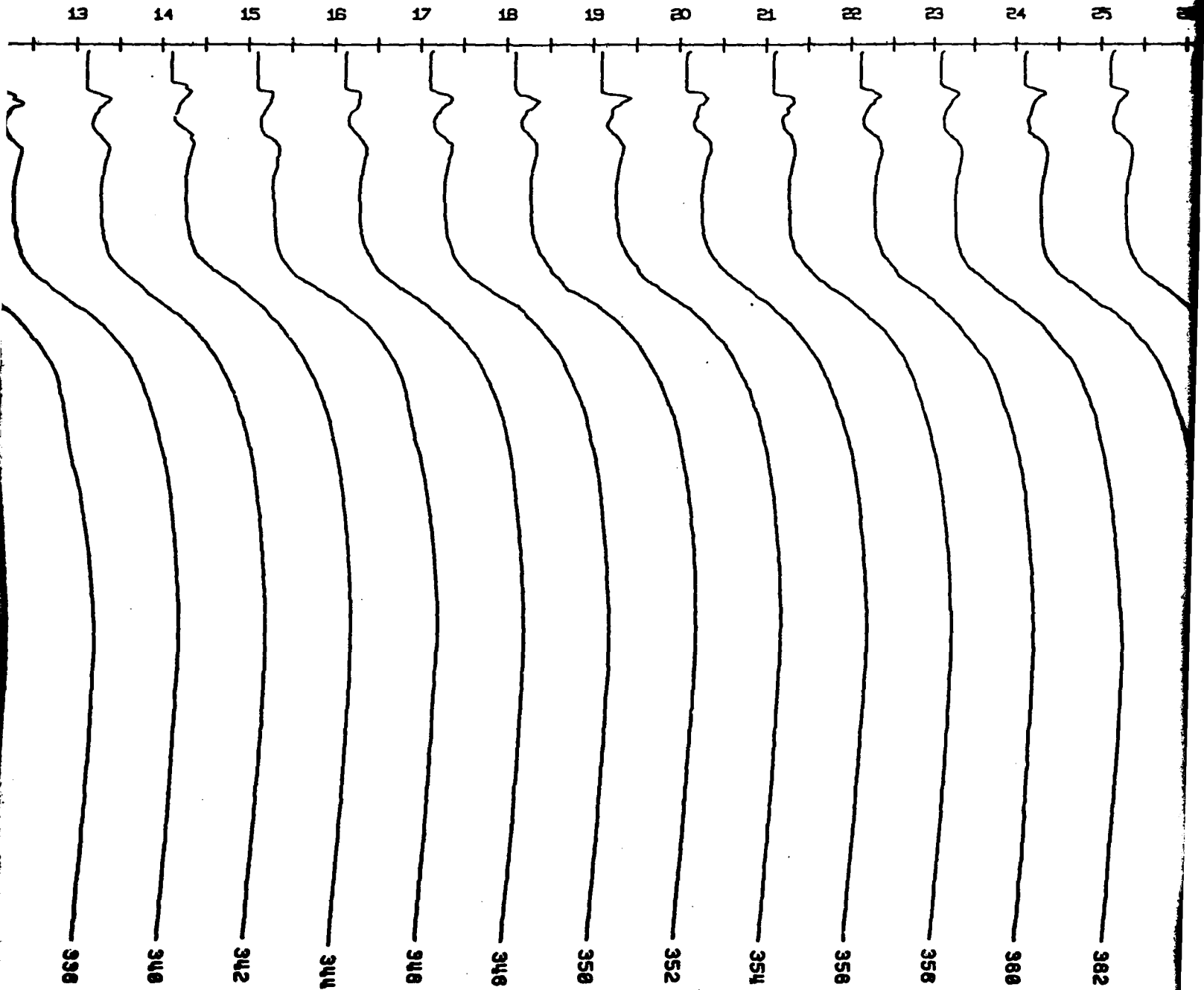


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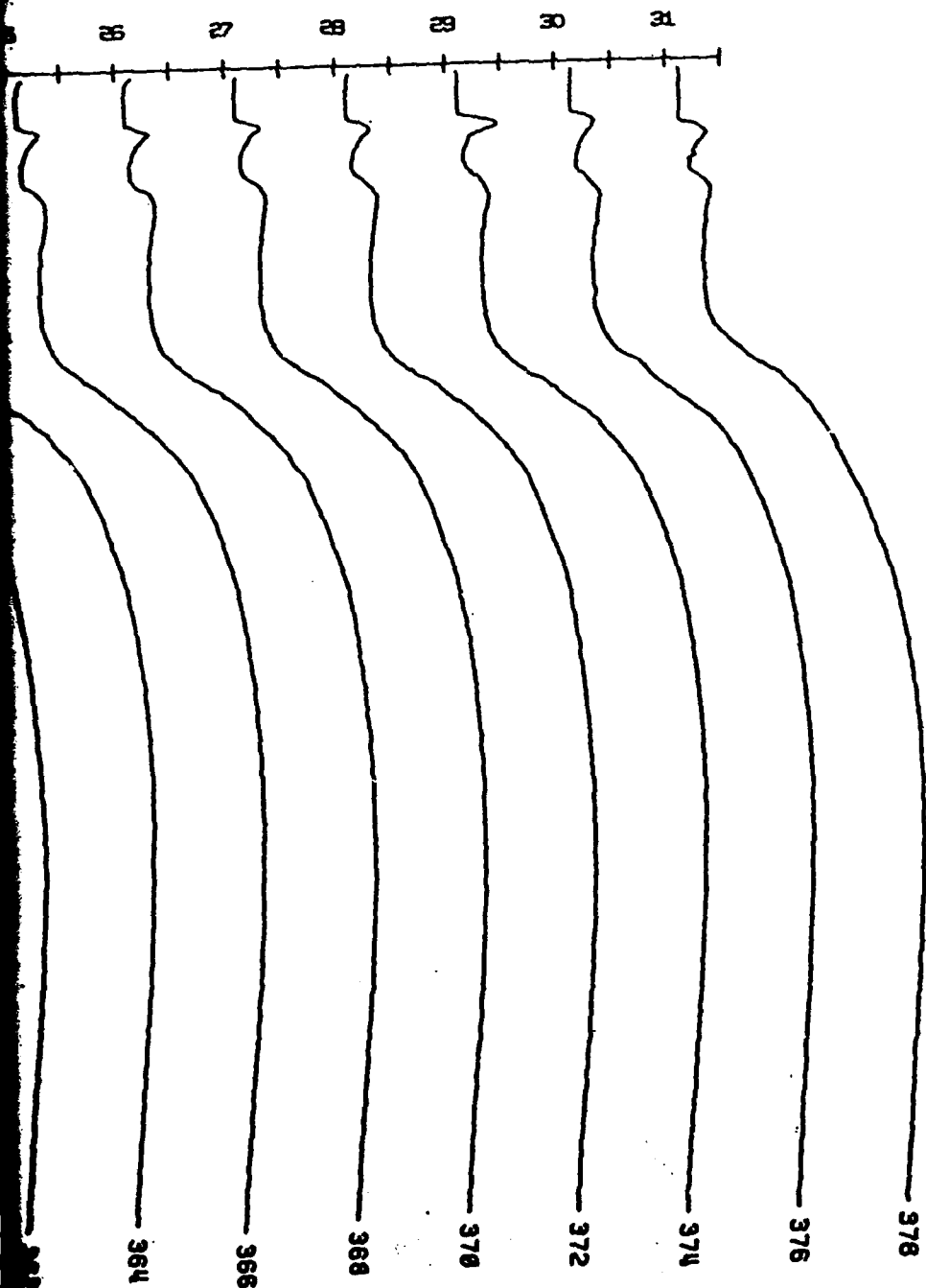
- NO MORE THAN ONE PROFILE PER HALF DAY (AM/PM GMT) IS PLOTTED
- EACH PROFILE PLOTTED WITH RESPECT TO LEFT DIVISION MARK (-1.8 DEG. C.)
- TEMPERATURE SCALE SHIFTS RIGHT 1 DIVISION (0.5 DEG. C.) PER HALF DAY



TEMPERATURE PROFILES AT CAMP BLUE FOX
JAN 1, 1976 TO JAN 31, 1976



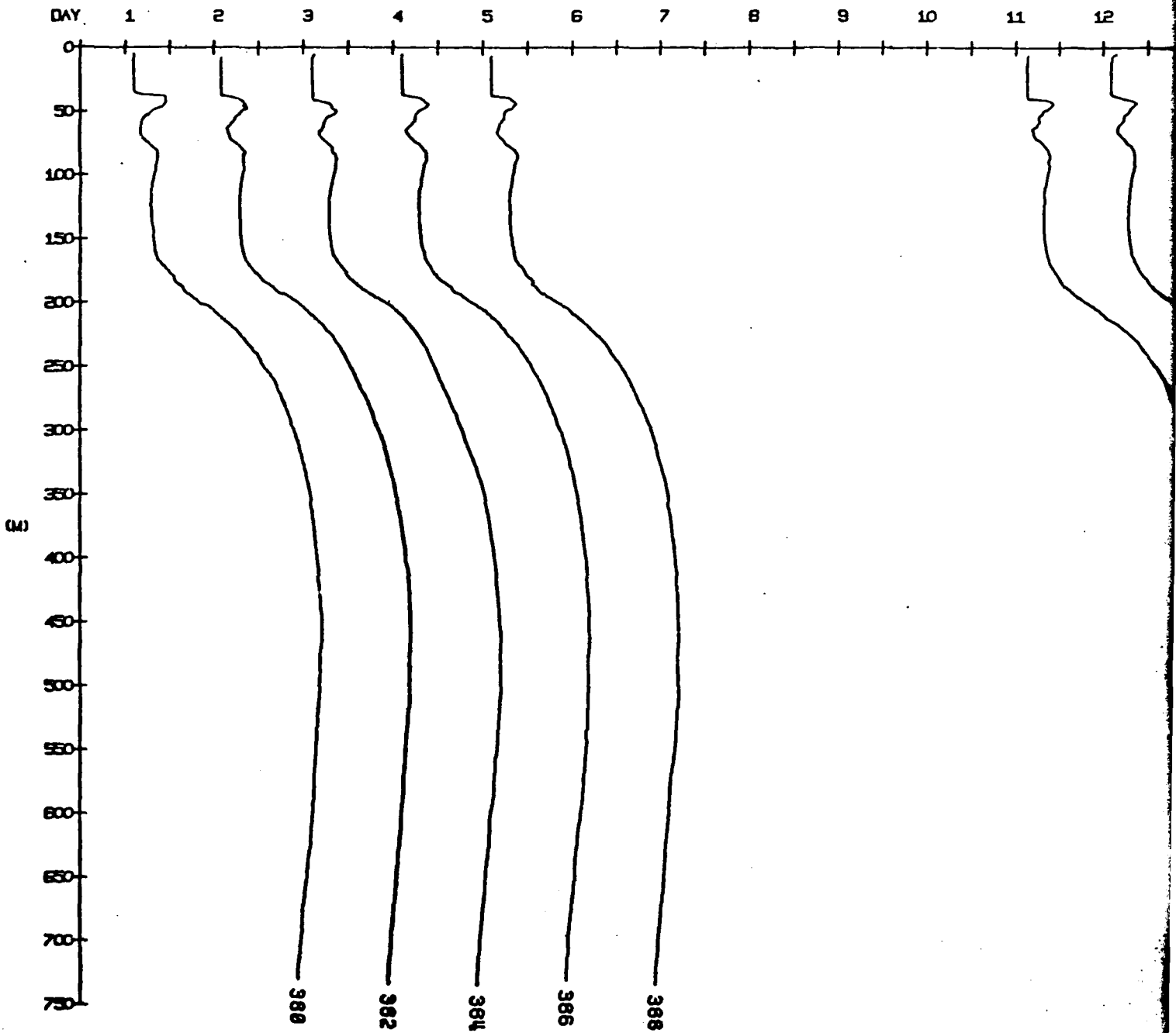
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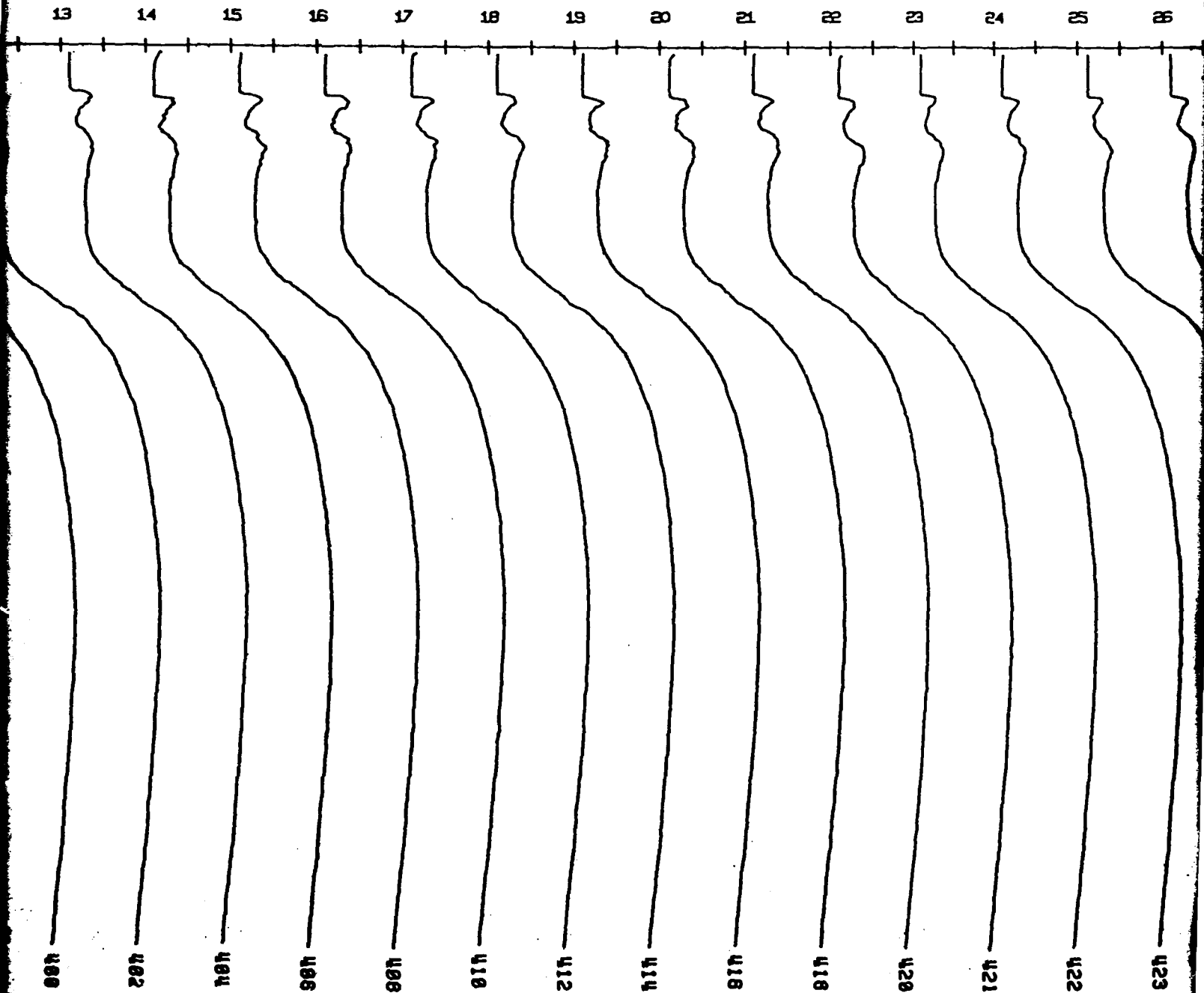
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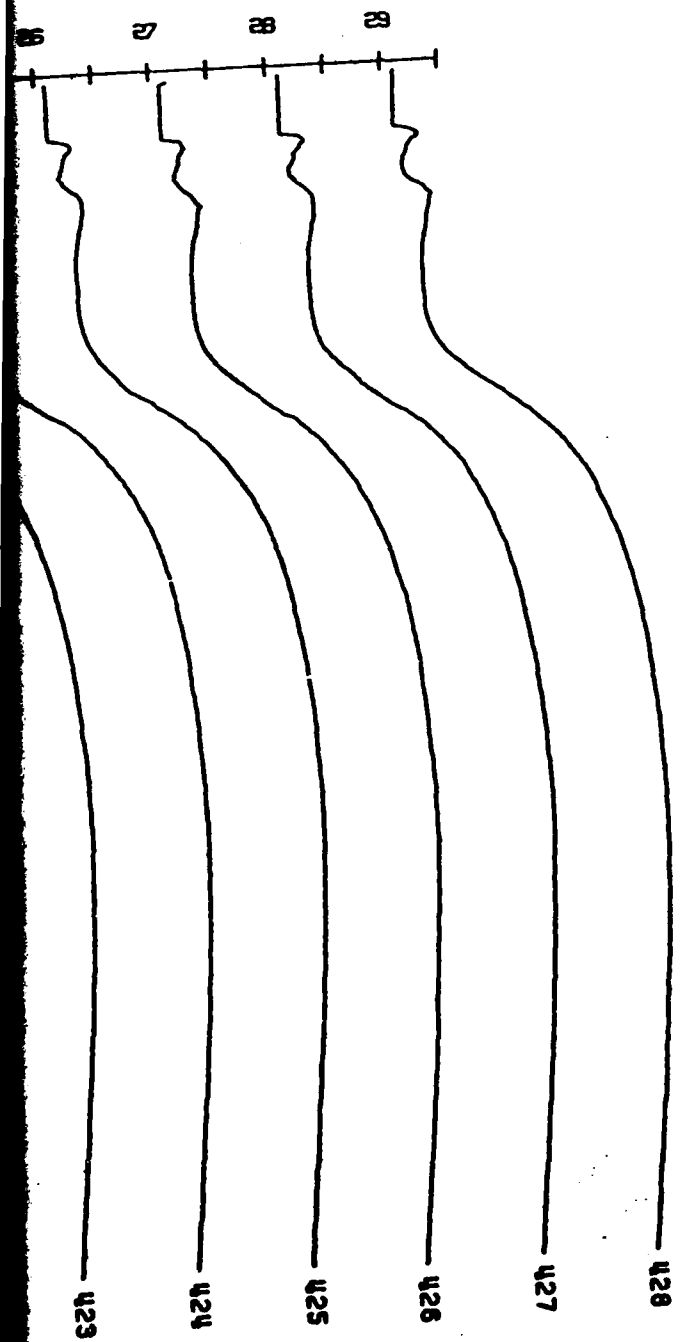
- NO MORE THAN ONE PROFILE PER HALF DAY (AM/PM GMT) IS PLOTTED
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- TEMPERATURE SCALE SHIFTS RIGHT 1 DIVISION (0.5 DEG. C.) PER HALF DAY



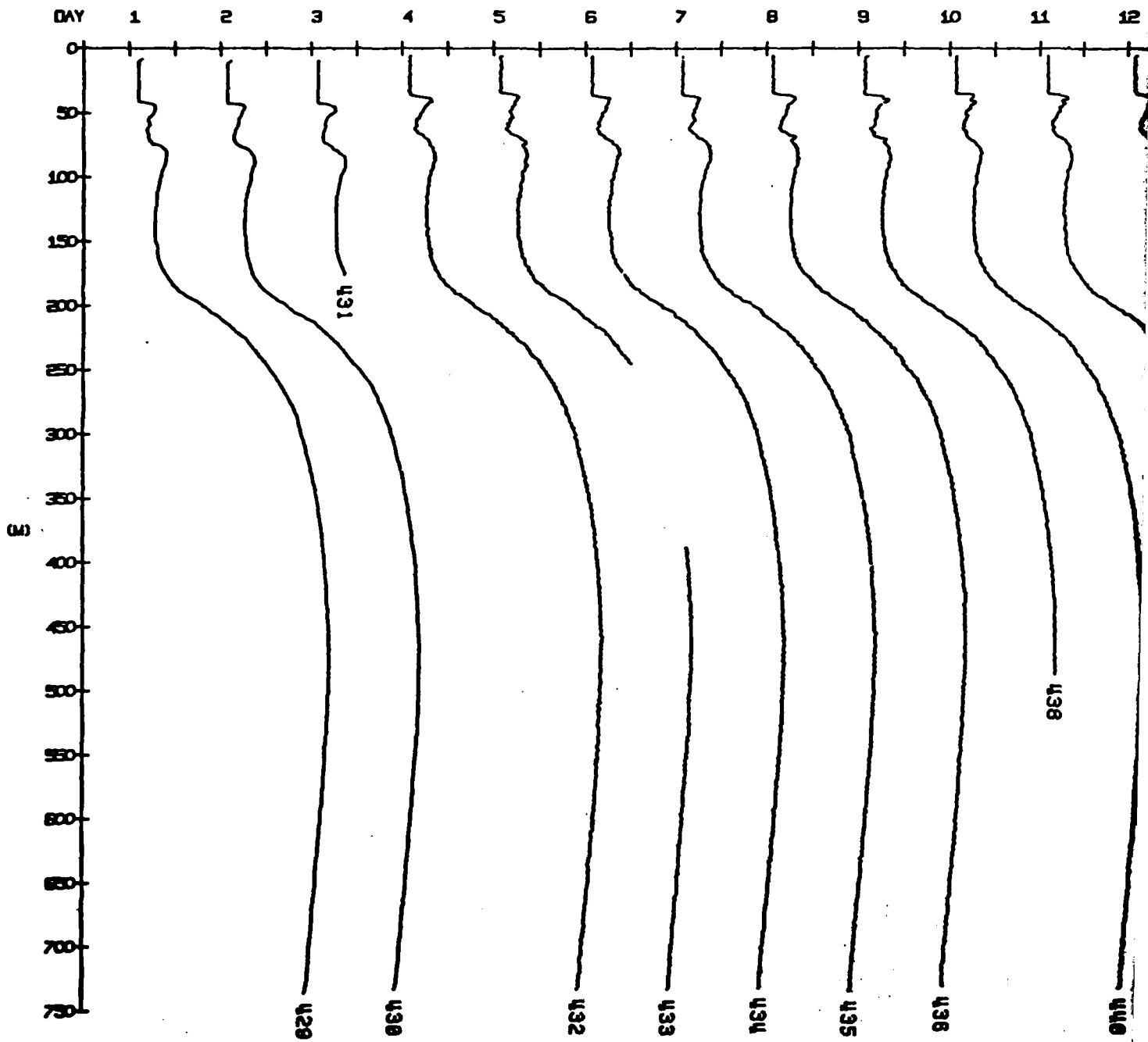
TEMPERATURE PROFILES AT CAMP BLUE FOX
FEB 1, 1976 TO FEB 29, 1976



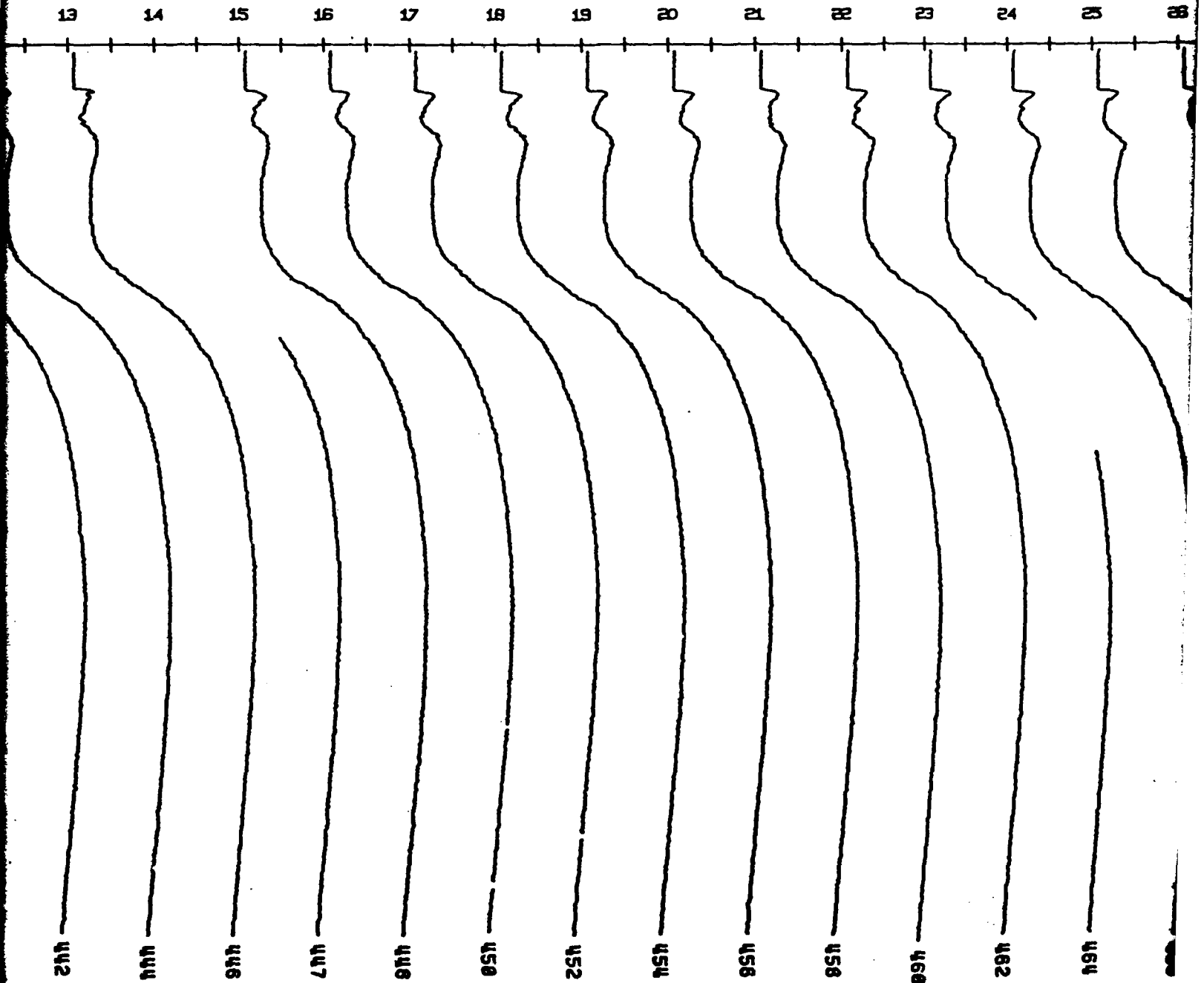
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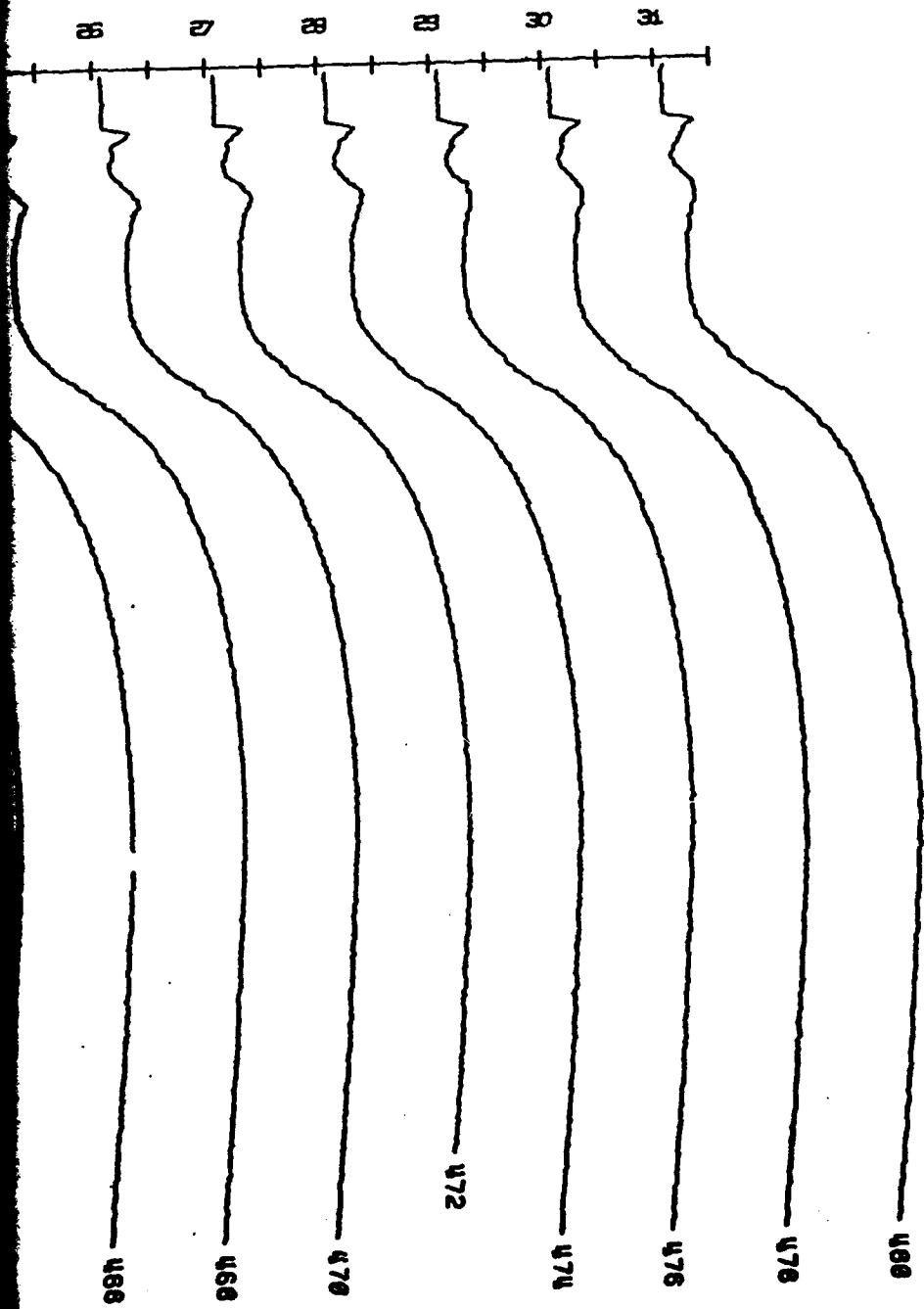
- NO MORE THAN ONE PROFILE PER HALF DAY (AM/PM GMT) IS PLOTTED
- EACH PROFILE PLOTTED WITH RESPECT TO LEFT DIVISION MARK (-1.8 DEG. C.)
- TEMPERATURE SCALE SHIFTS RIGHT 1 DIVISION (0.5 DEG. C.) PER HALF DAY



TEMPERATURE PROFILES AT CAMP BLUE FOX
MAR 1, 1976 TO MAR 31, 1976

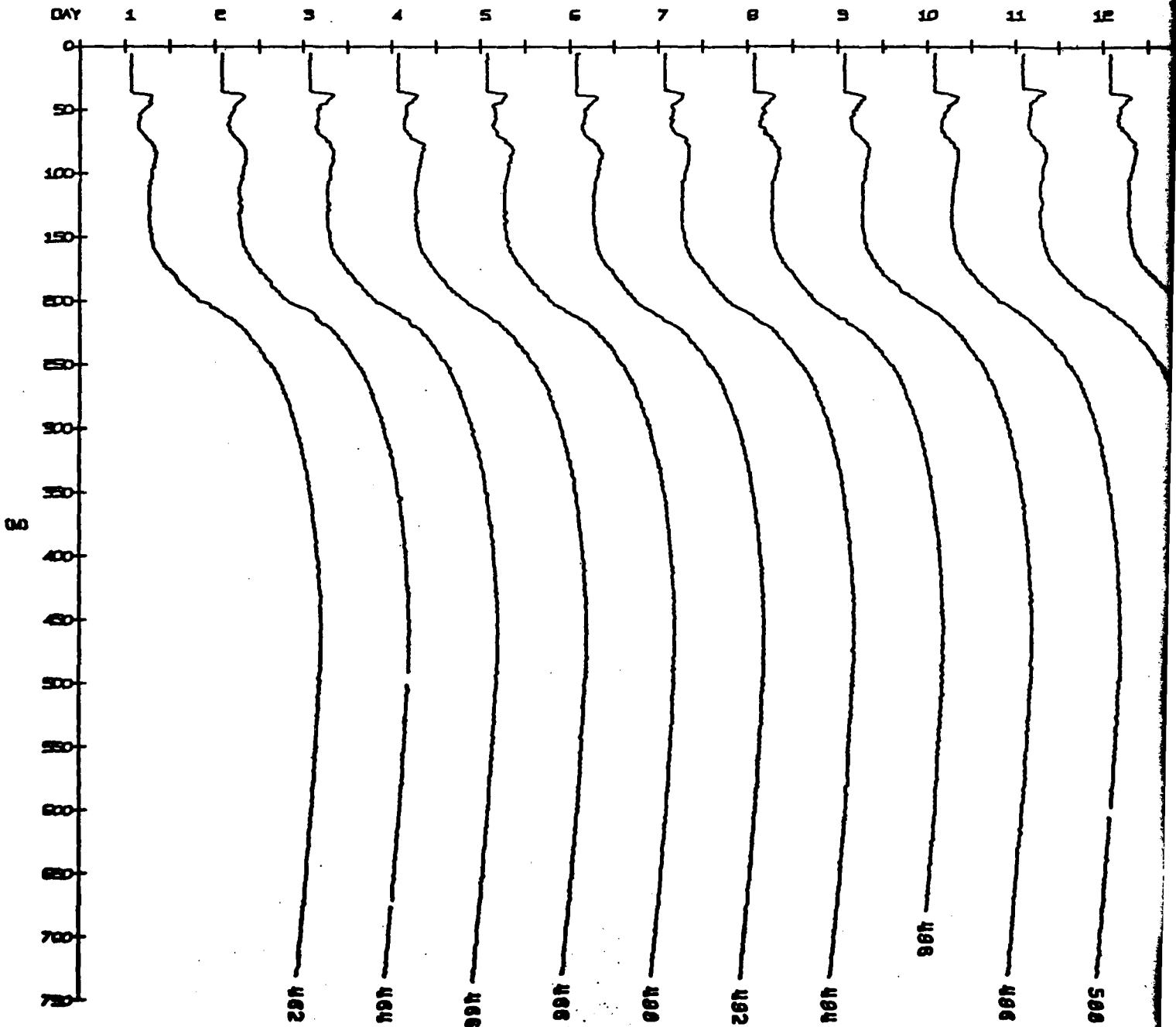


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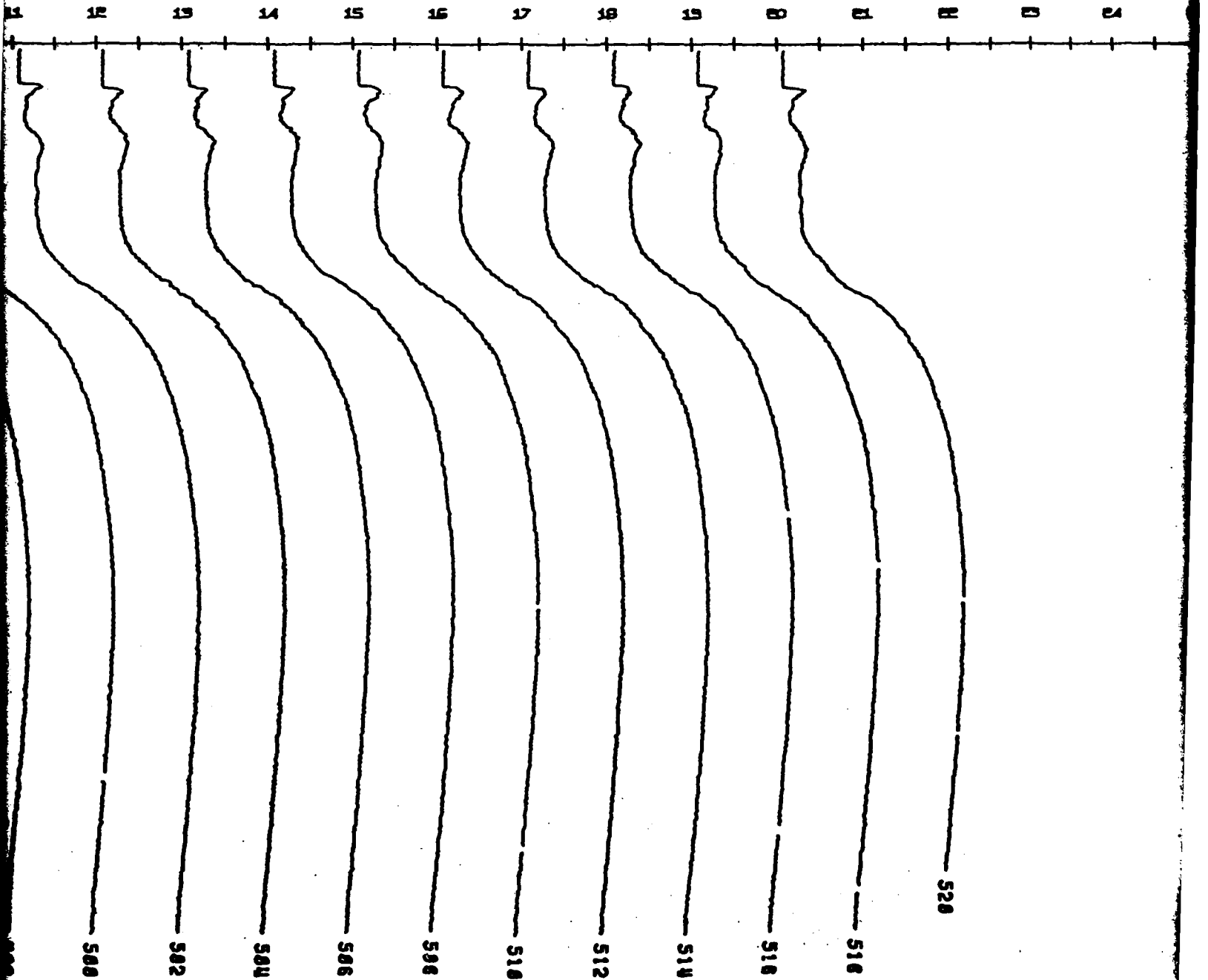


3

- NO MORE THAN ONE PROFILE PER HALF DAY (AM/PM GMT) IS PLOTTED
- EACH PROFILE PLOTTED WITH RESPECT TO LEFT DIVISION MARK (-1.8 DEG. C.)
- TEMPERATURE SCALE SHIFTS RIGHT 1 DIVISION (0.5 DEG. C.) PER HALF DAY



TEMPERATURE PROFILES AT CAMP BLUE FOX
APR 1, 1976 TO APR 30, 1976

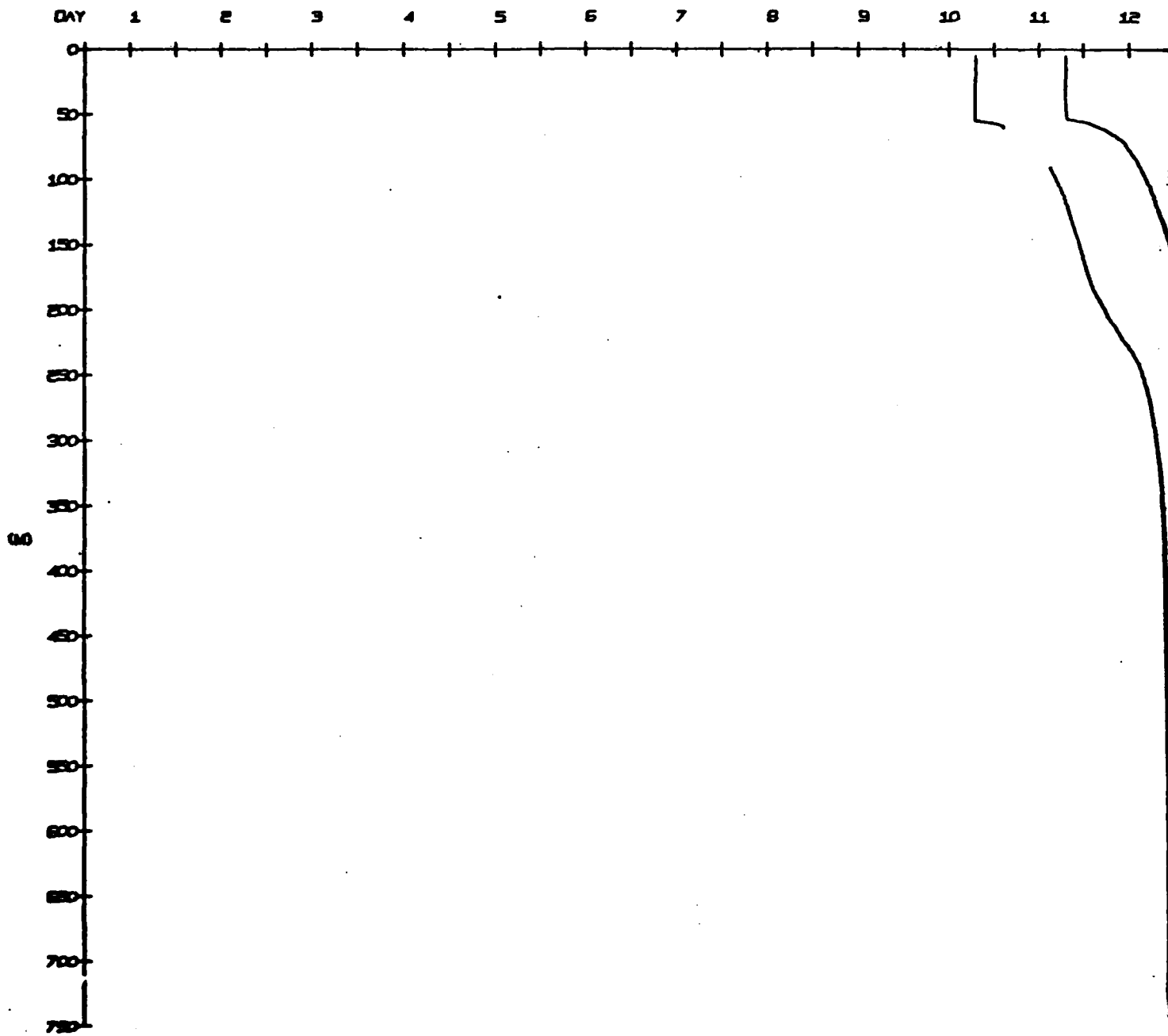


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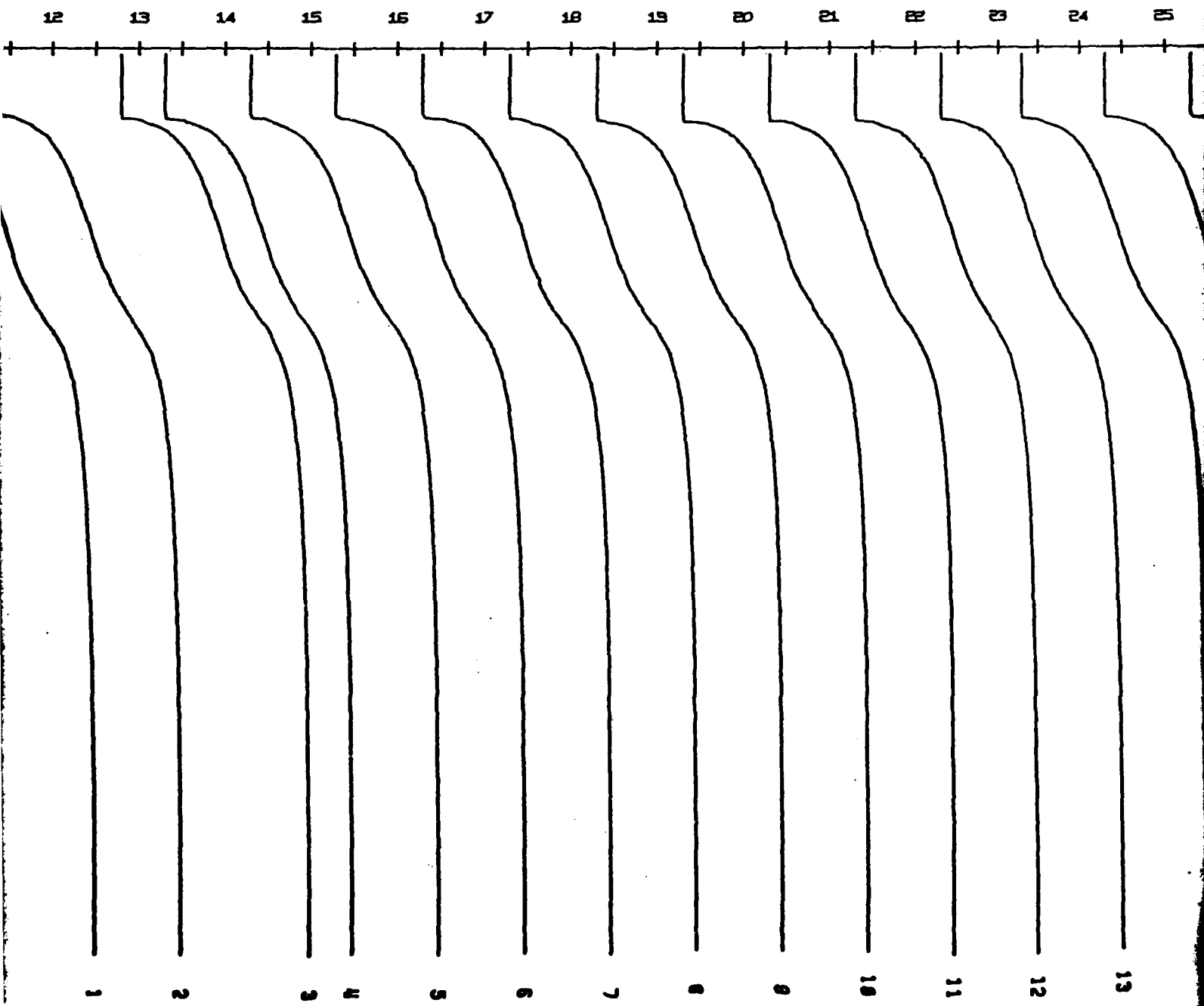
2 5 8 7 8 0 8

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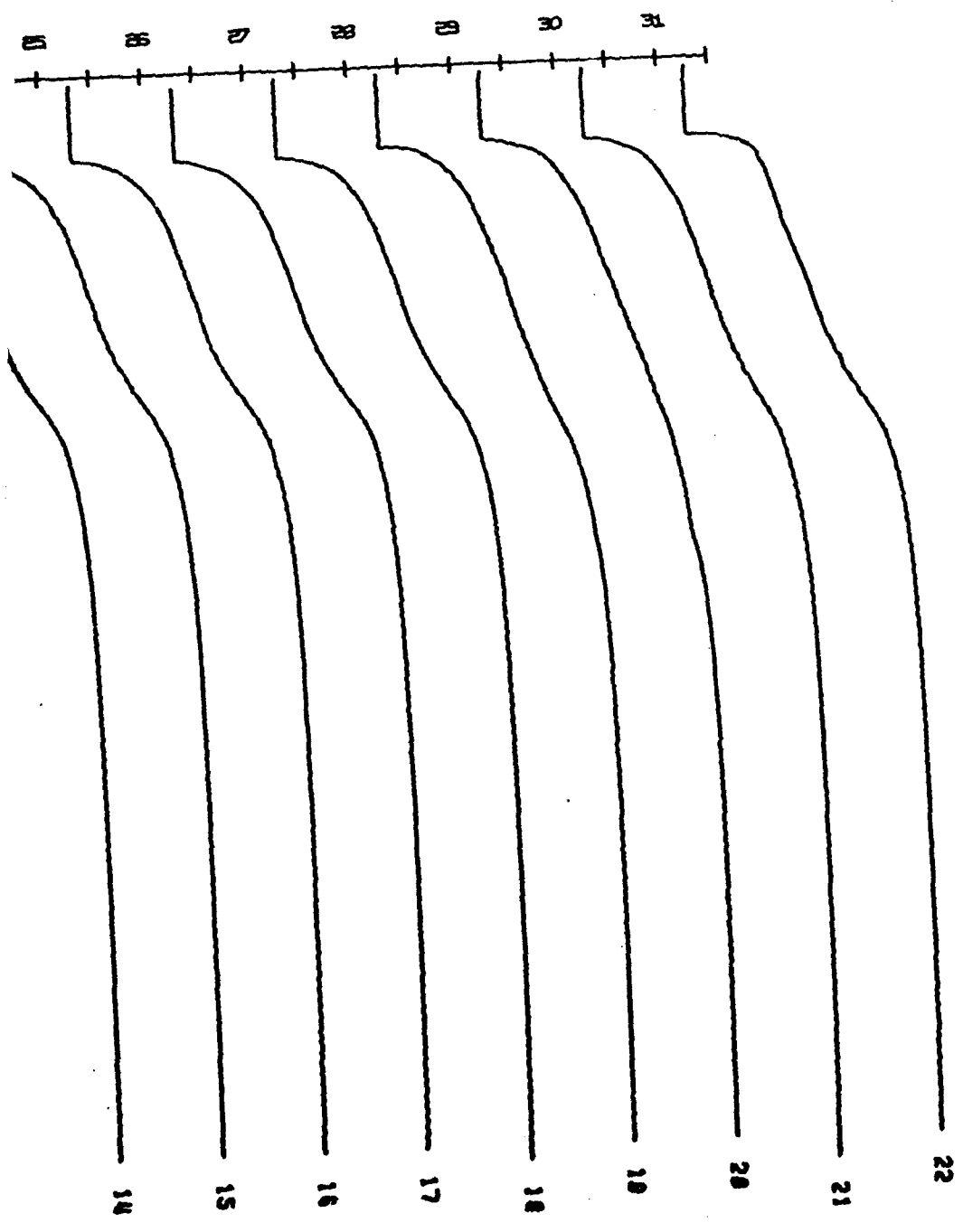
- NO MORE THAN ONE PROFILE PER HALF DAY (AM/PM GMT) IS PLOTTED
- EACH PROFILE PLOTTED WITH RESPECT TO LEFT DIVISION MARK (30.0 PPT)
- SALINITY SCALE SHIFTS RIGHT 1 DIVISION (1.0 PPT) PER HALF DAY



SALINITY PROFILES AT CAMP BLUE FOX
MAY 1, 1975 TO MAY 31, 1975

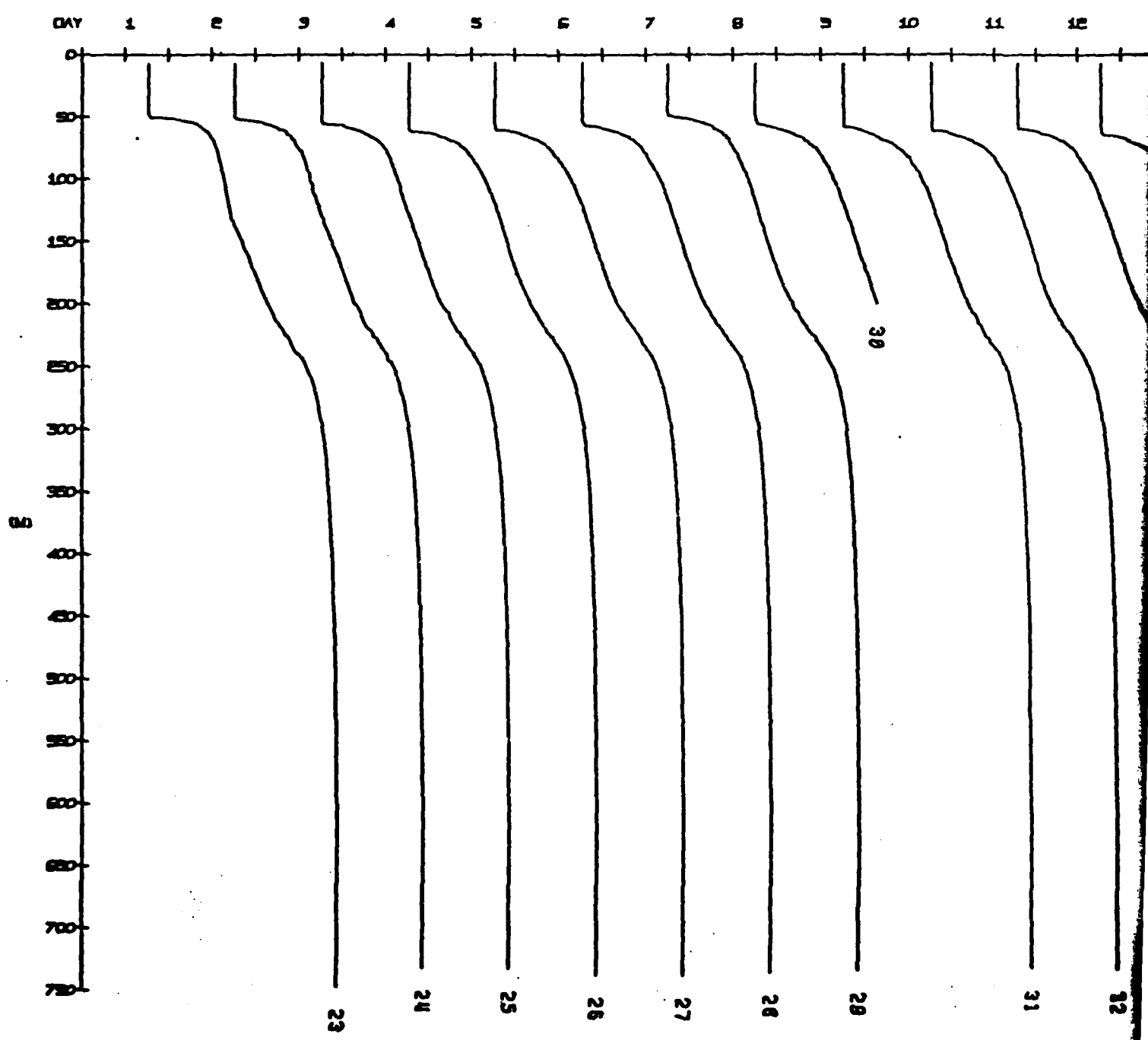


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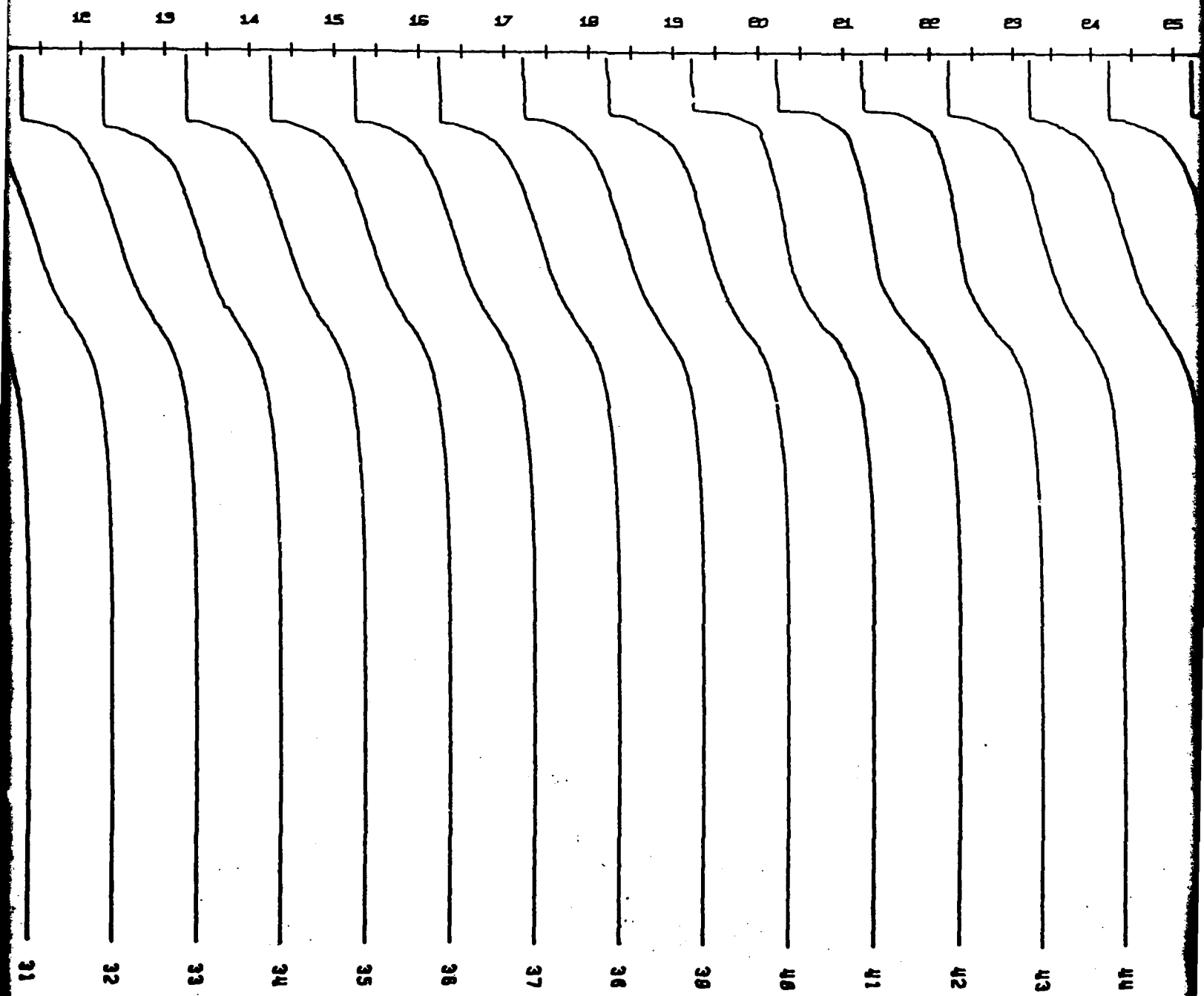


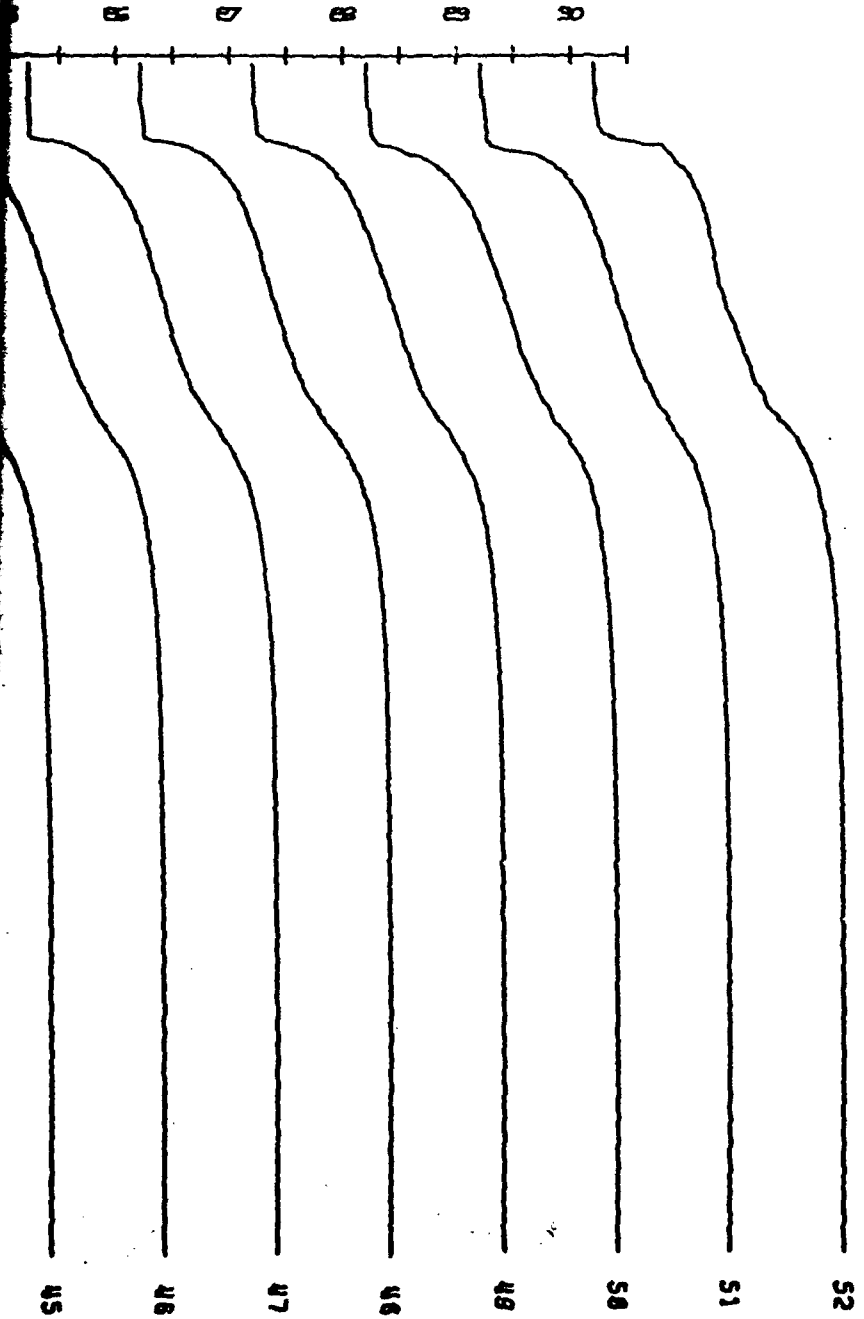
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- NO MORE THAN ONE PROFILE PER HALF DAY (AM/PM GMT) IS PLOTTED
- EACH PROFILE PLOTTED WITH RESPECT TO LEFT DIVISION MARK (30.0 PPT)
- SALINITY SCALE SHIFTS RIGHT 1 DIVISION (1.0 PPT) PER HALF DAY

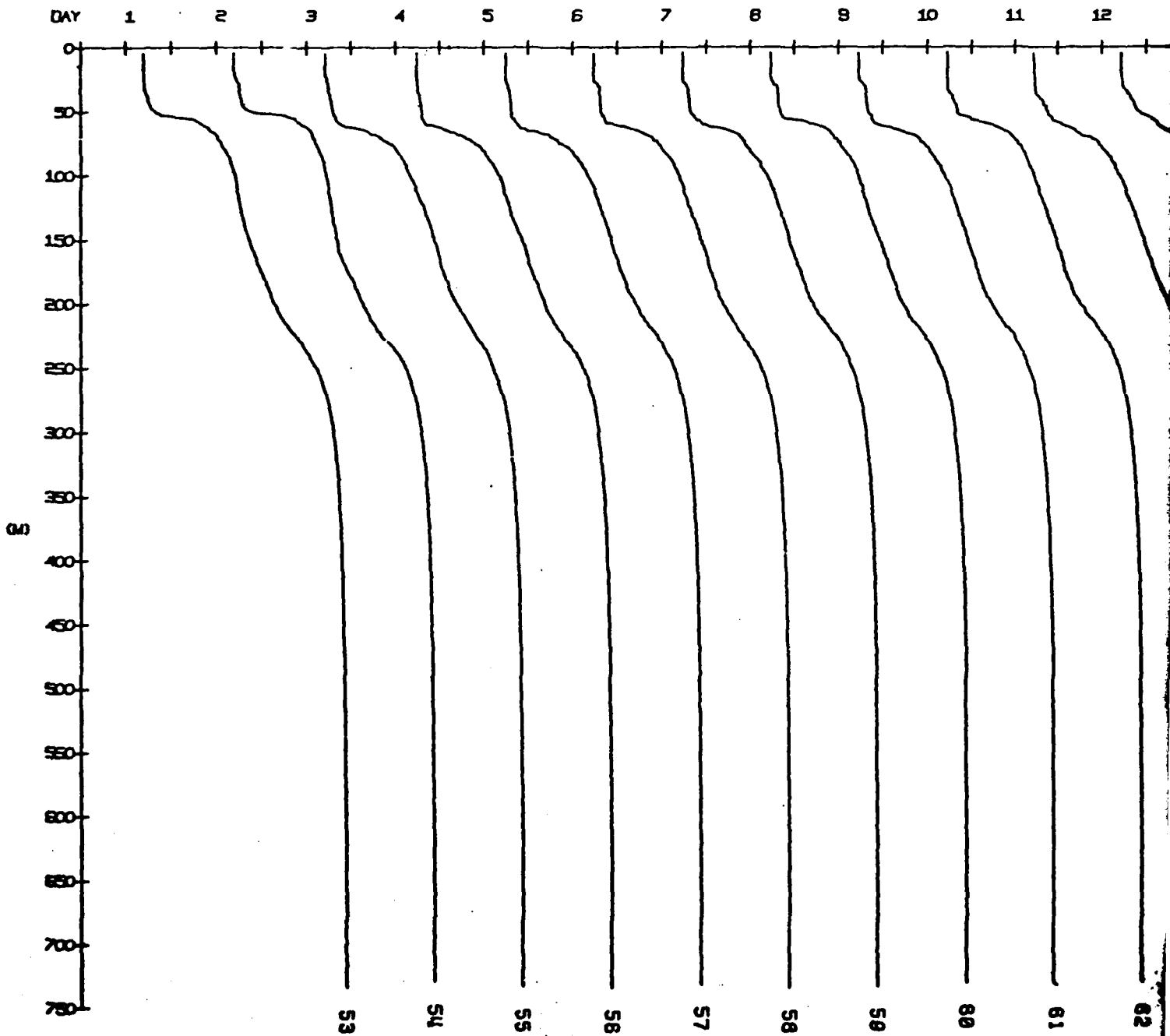


SALINITY PROFILES AT CAMP BLUE FOX
JUN 1, 1975 TO JUN 30, 1975

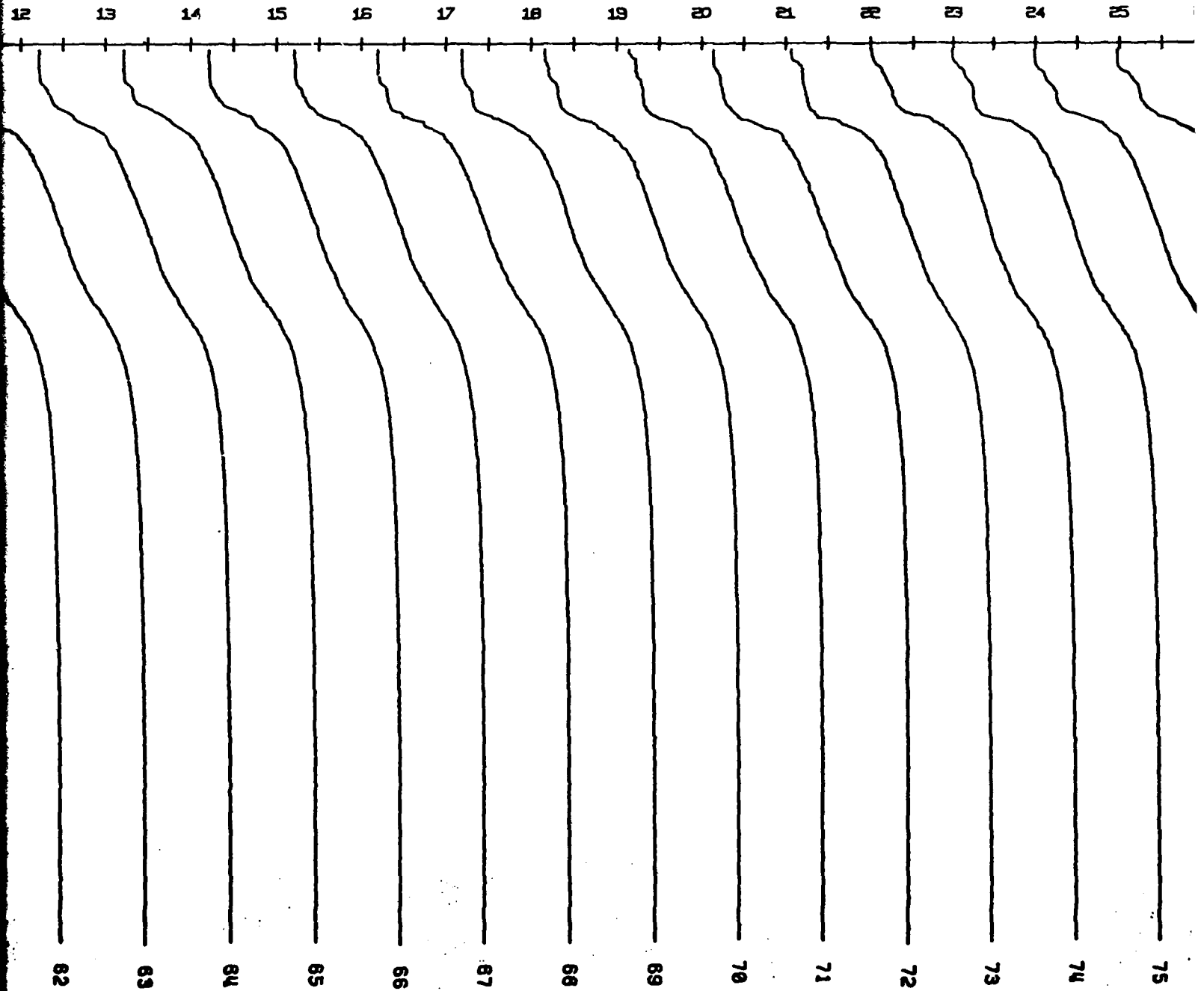


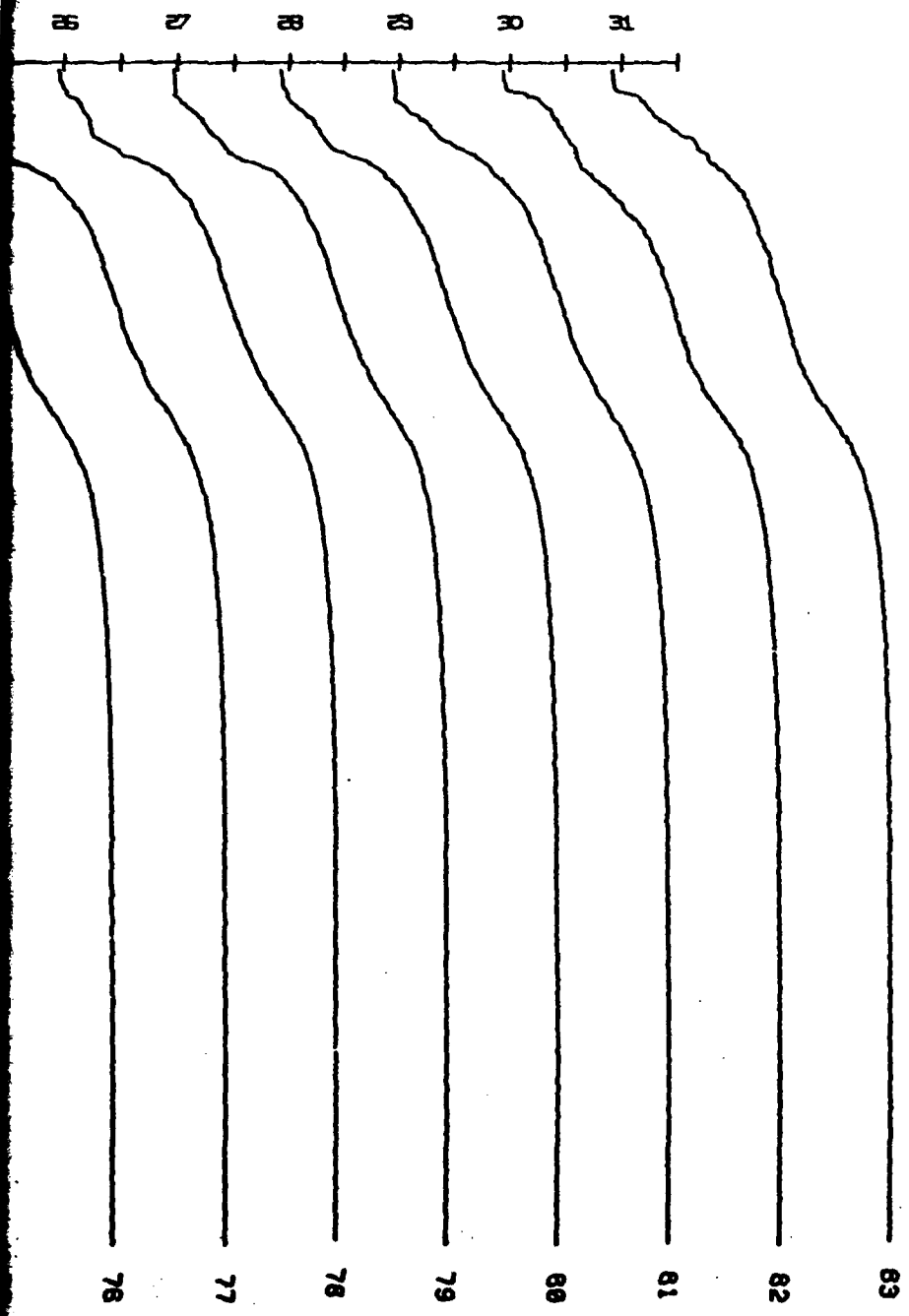


- NO MORE THAN ONE PROFILE PER HALF DAY (AM/PM GMT) IS PLOTTED
- EACH PROFILE PLOTTED WITH RESPECT TO LEFT DIVISION MARK (30.0 PPT)
- SALINITY SCALE SHIFTS RIGHT 1 DIVISION (1.0 PPT) PER HALF DAY



SALINITY PROFILES AT CAMP BLUE FOX
JUL 1, 1975 TO JUL 31, 1975

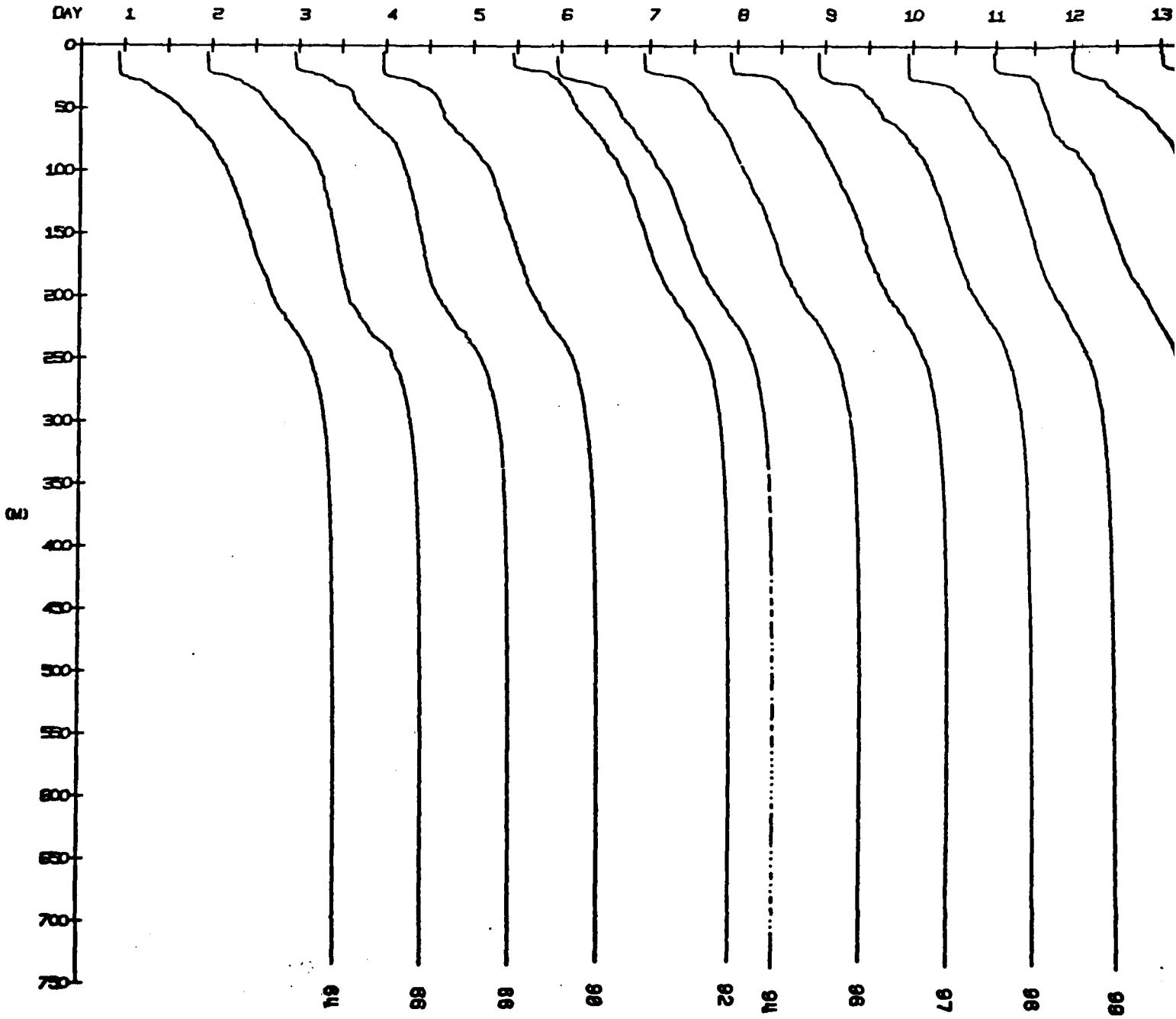




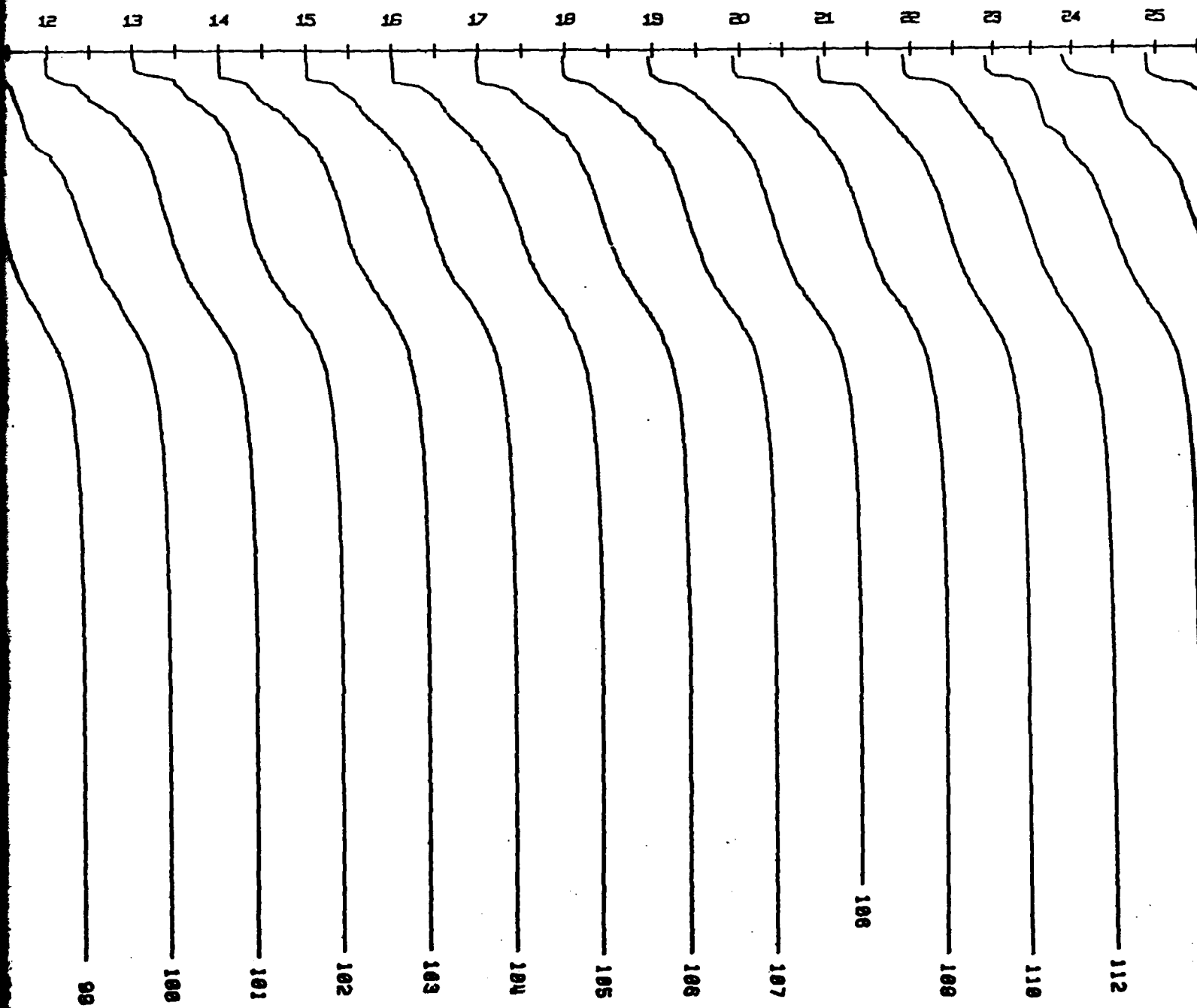
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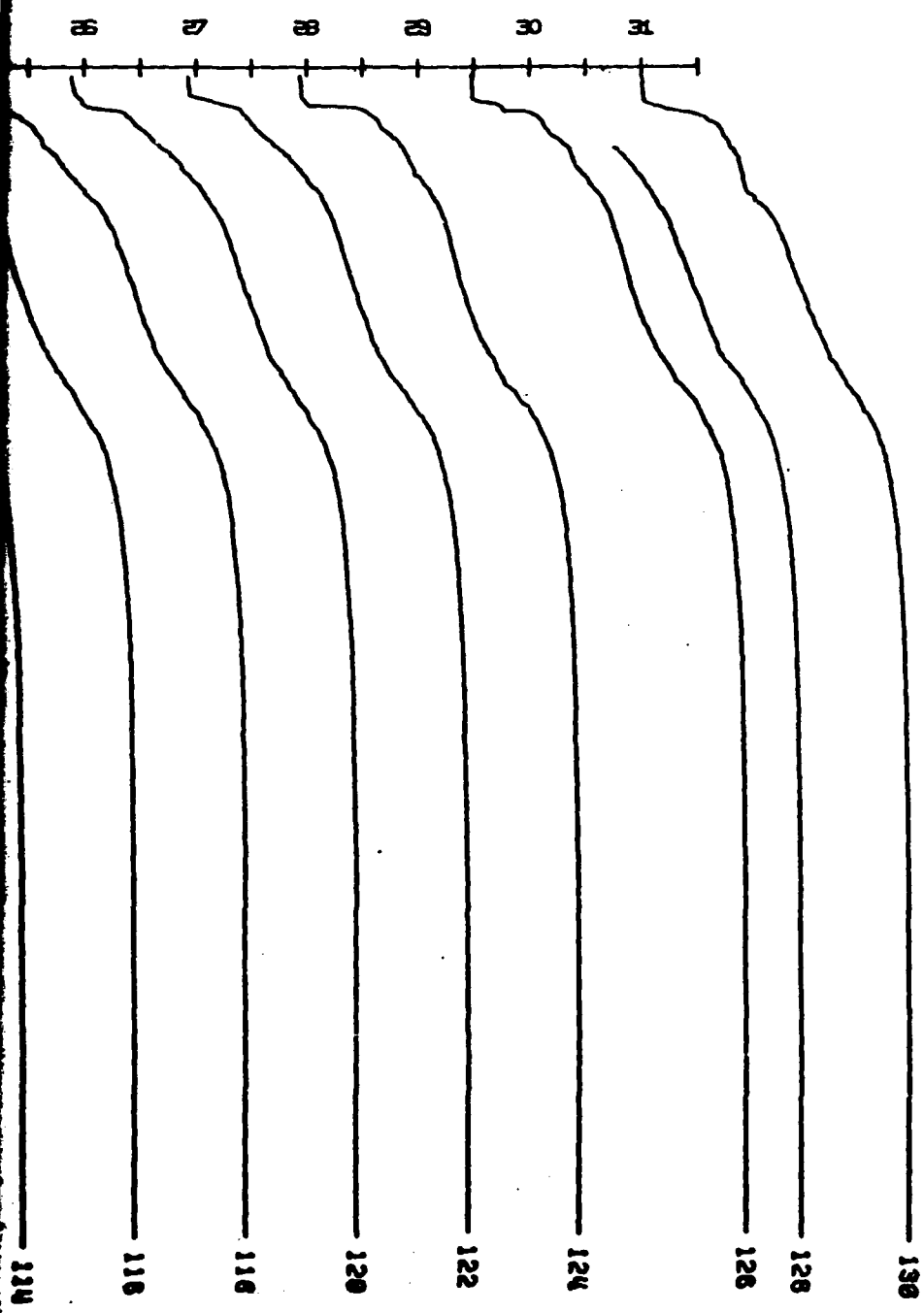
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- NO MORE THAN ONE PROFILE PER HALF DAY (AM/PM GMT) IS PLOTTED
- EACH PROFILE PLOTTED WITH RESPECT TO LEFT DIVISION MARK (30.0 PPT)
- SALINITY SCALE SHIFTS RIGHT 1 DIVISION (1.0 PPT) PER HALF DAY



SALINITY PROFILES AT CAMP BLUE FOX
AUG 1, 1975 TO AUG 31, 1975

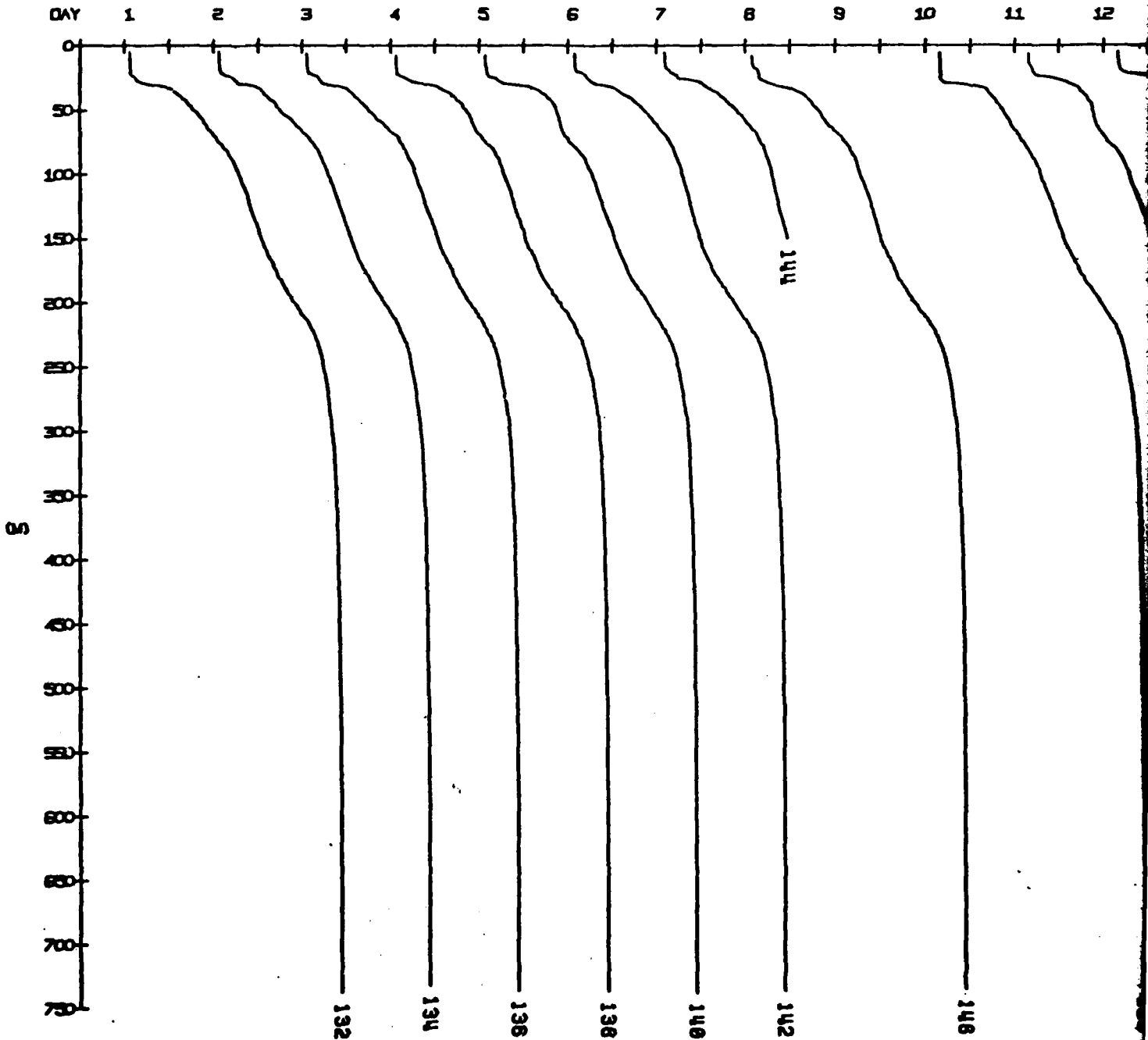




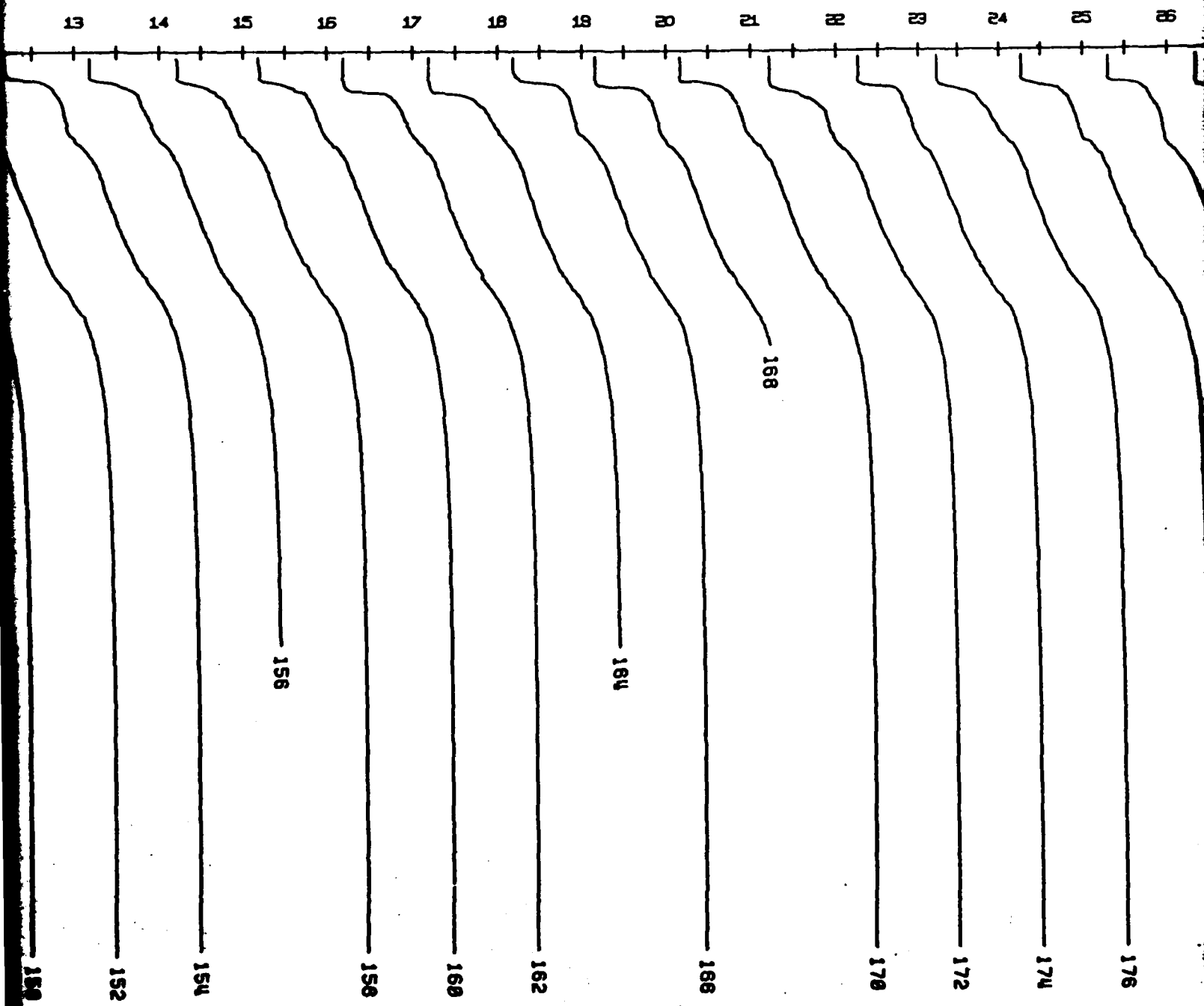
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SAL

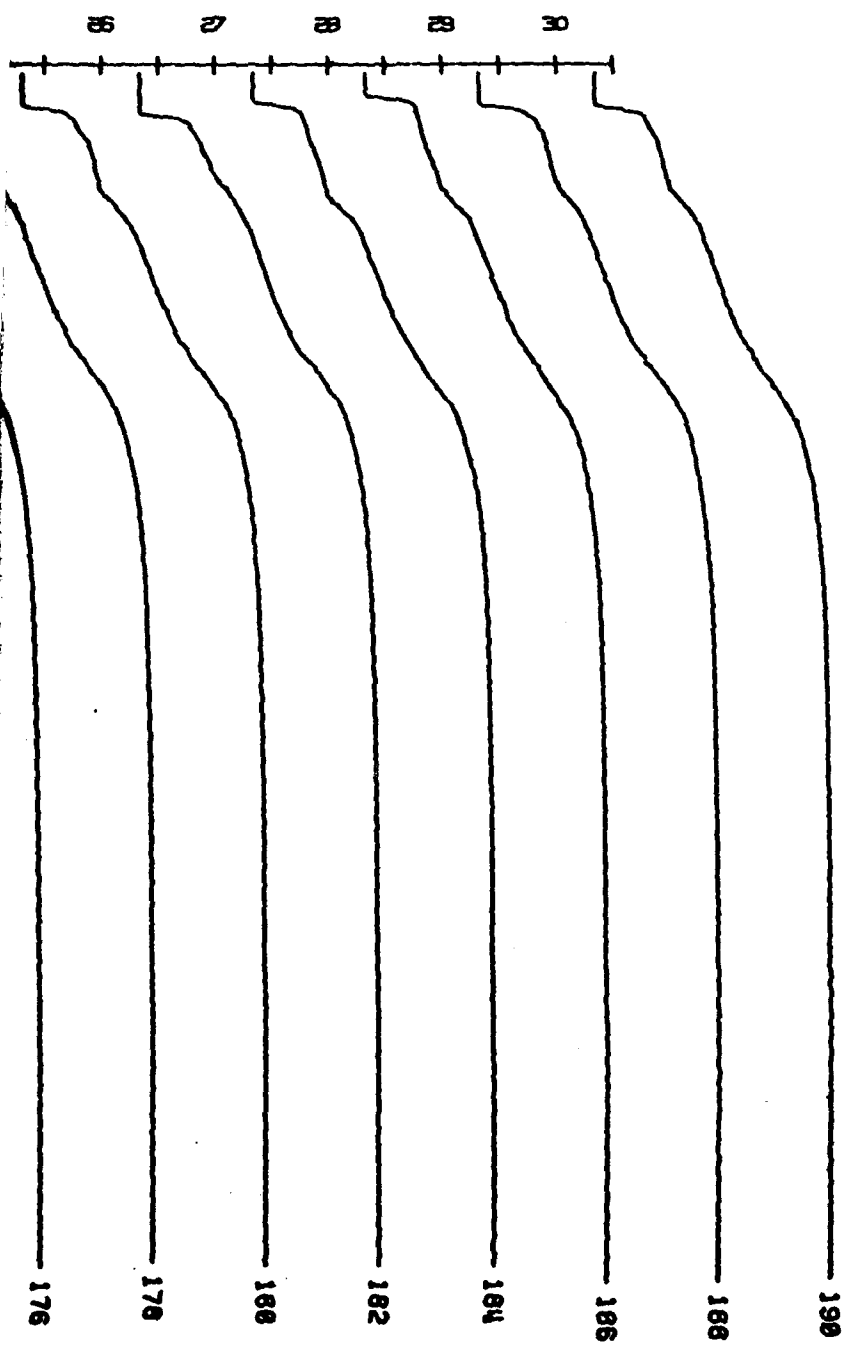
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- EACH PROFILE PLOTTED WITH RESPECT TO LEFT DIVISION MARK (30.0 PPT)
- SALINITY SCALE SHIFTS RIGHT 1 DIVISION (1.0 PPT) PER HALF DAY



LINEARITY PROFILES AT CAMP BLUE FOX
SEP 1, 1975 TO SEP 30, 1975

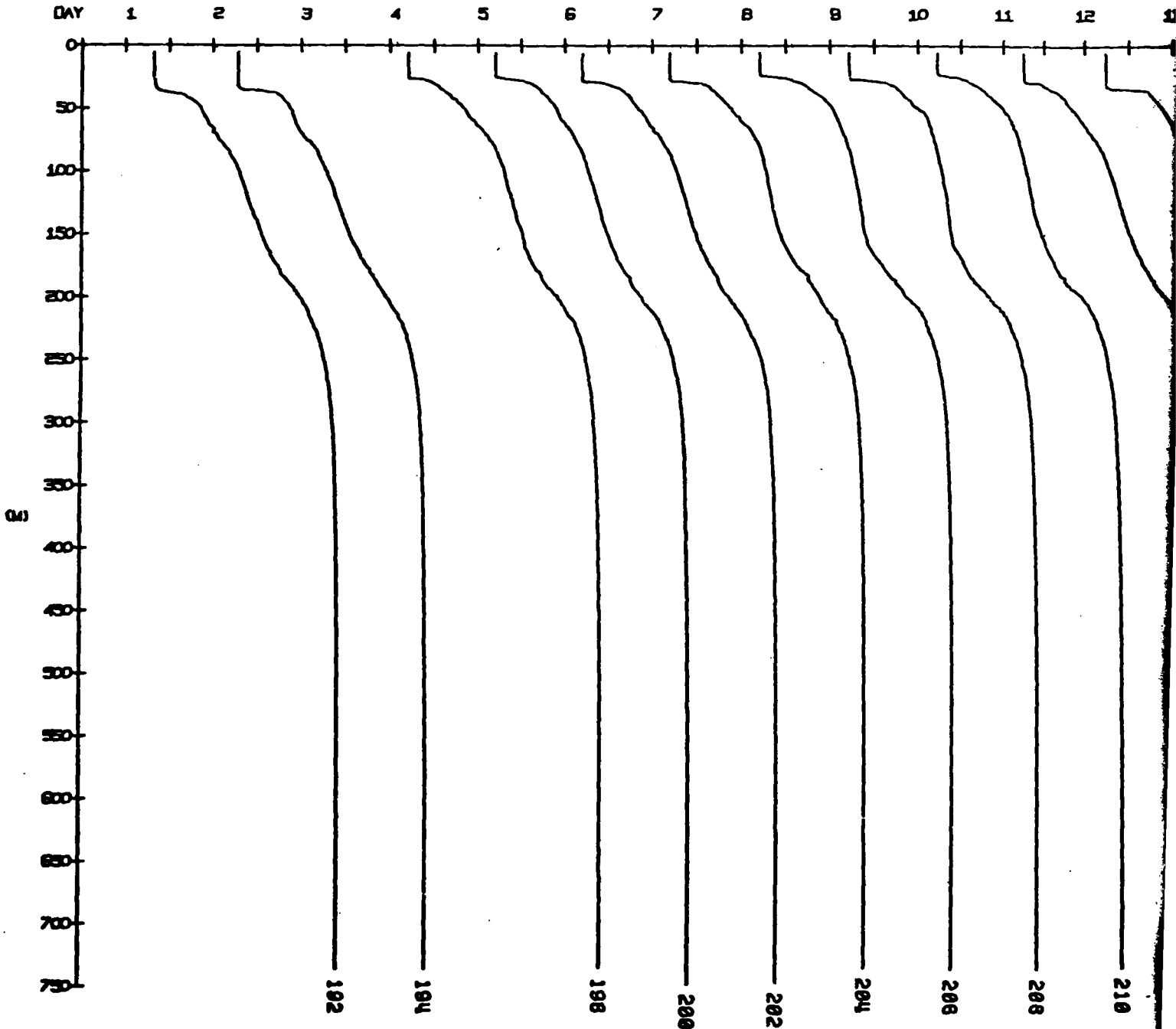


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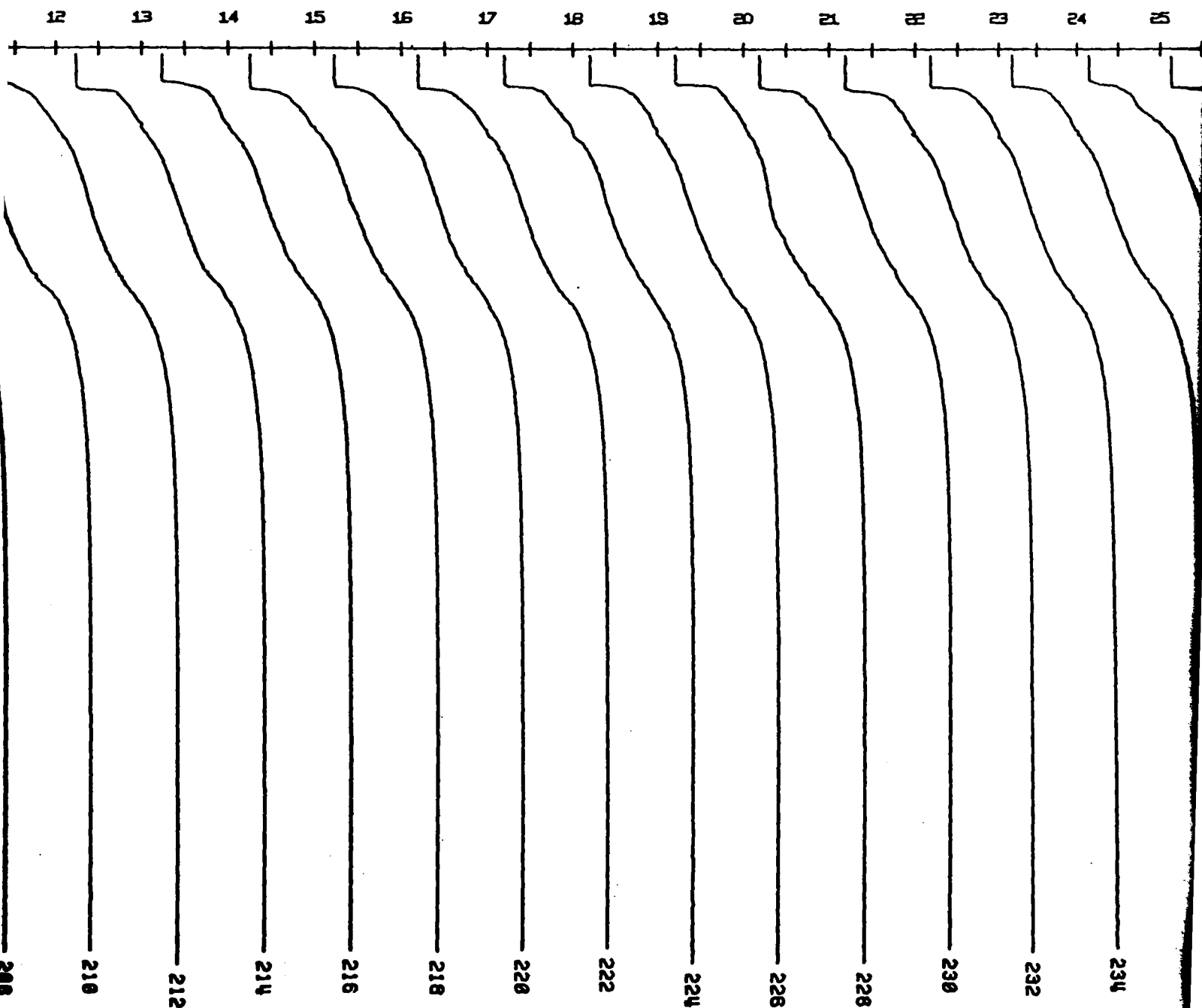


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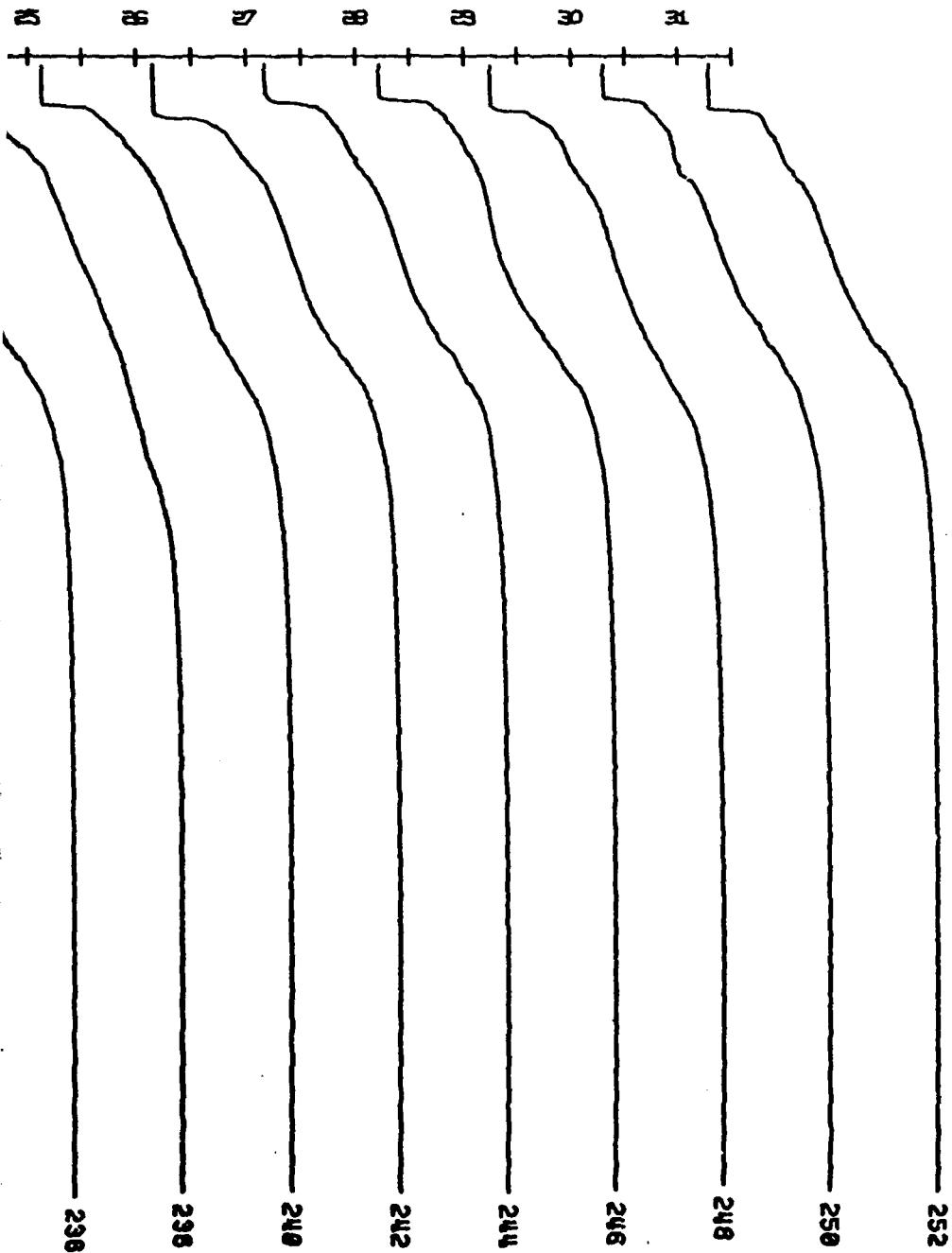
- NO MORE THAN ONE PROFILE PER HALF DAY (AM/PM GMT) IS PLOTTED
- EACH PROFILE PLOTTED WITH RESPECT TO LEFT DIVISION MARK (30.0 PPT)
- SALINITY SCALE SHIFTS RIGHT 1 DIVISION (1.0 PPT) PER HALF DAY



SALINITY PROFILES AT CAMP BLUE FOX
OCT 1, 1975 TO OCT 31, 1975



2

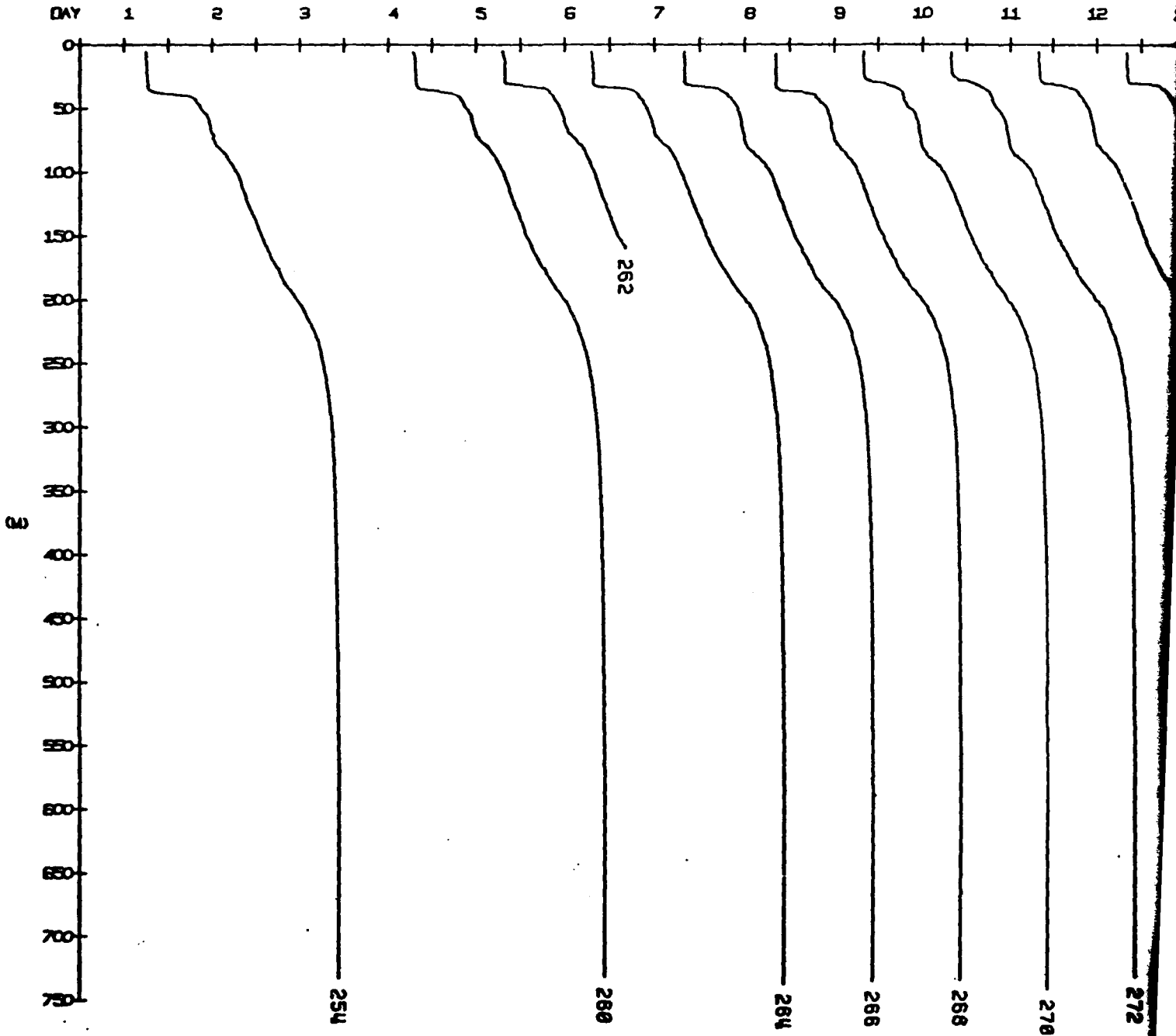


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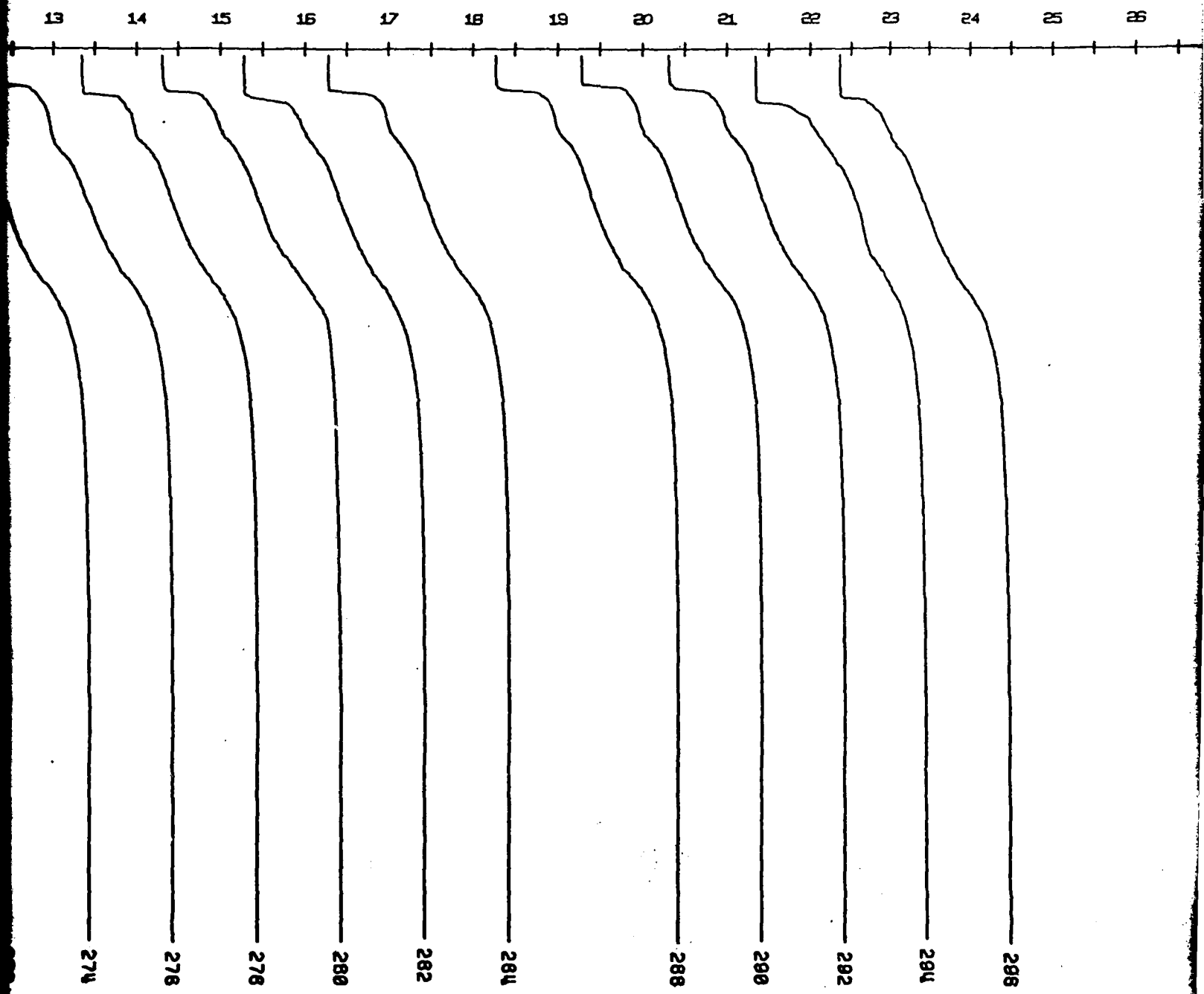
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SALINITY

- NO MORE THAN ONE PROFILE PER HALF DAY (AM/PM G.M.T) IS PLOTTED
- EACH PROFILE PLOTTED WITH RESPECT TO LEFT DIVISION MARK (30.0 PPT)
- SALINITY SCALE SHIFTS RIGHT 1 DIVISION (1.0 PPT) PER HALF DAY

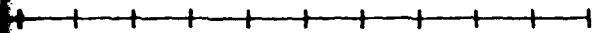


UNITY PROFILES AT CAMP BLUE FOX
NOV 1, 1975 TO NOV 30, 1975

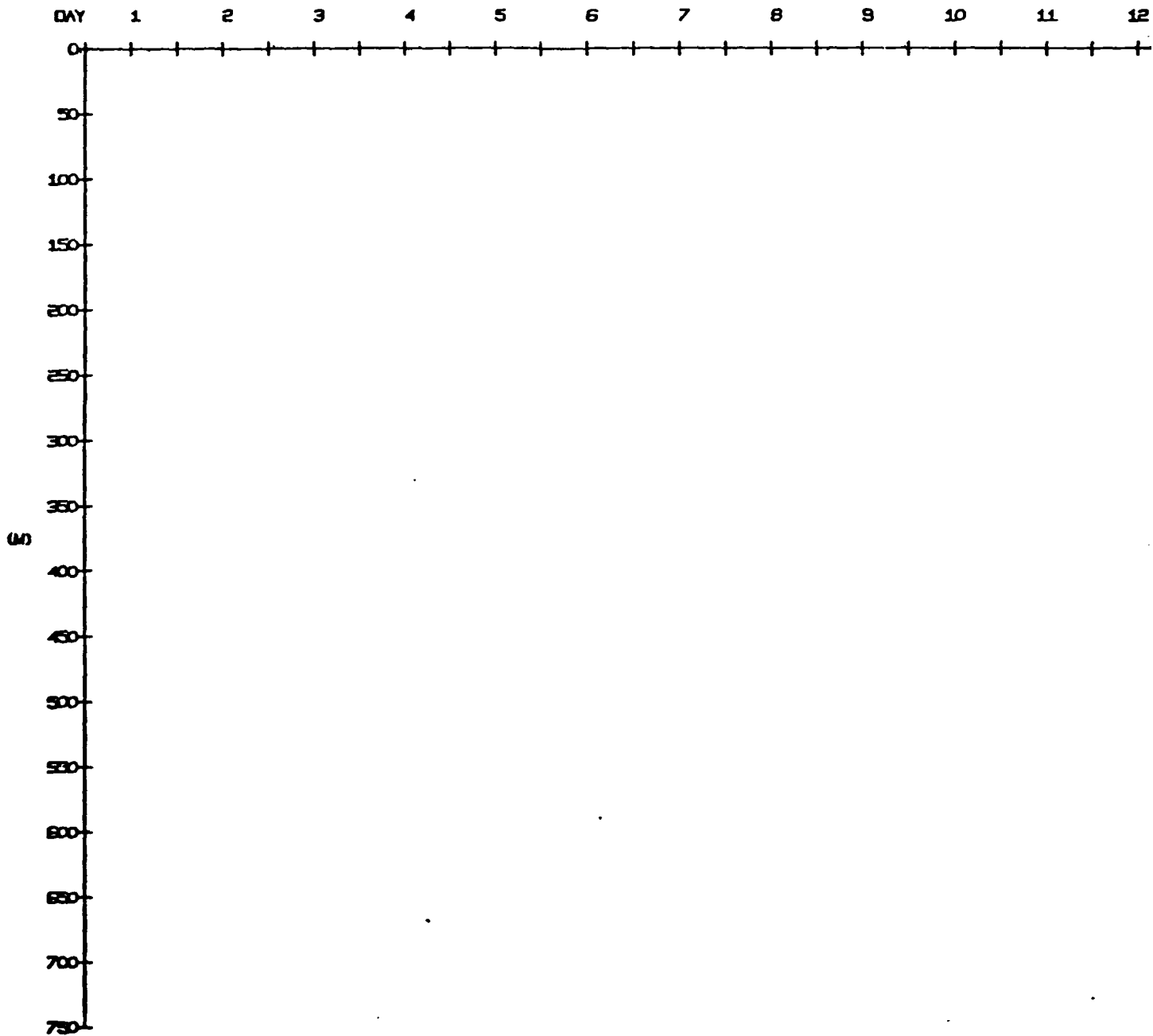


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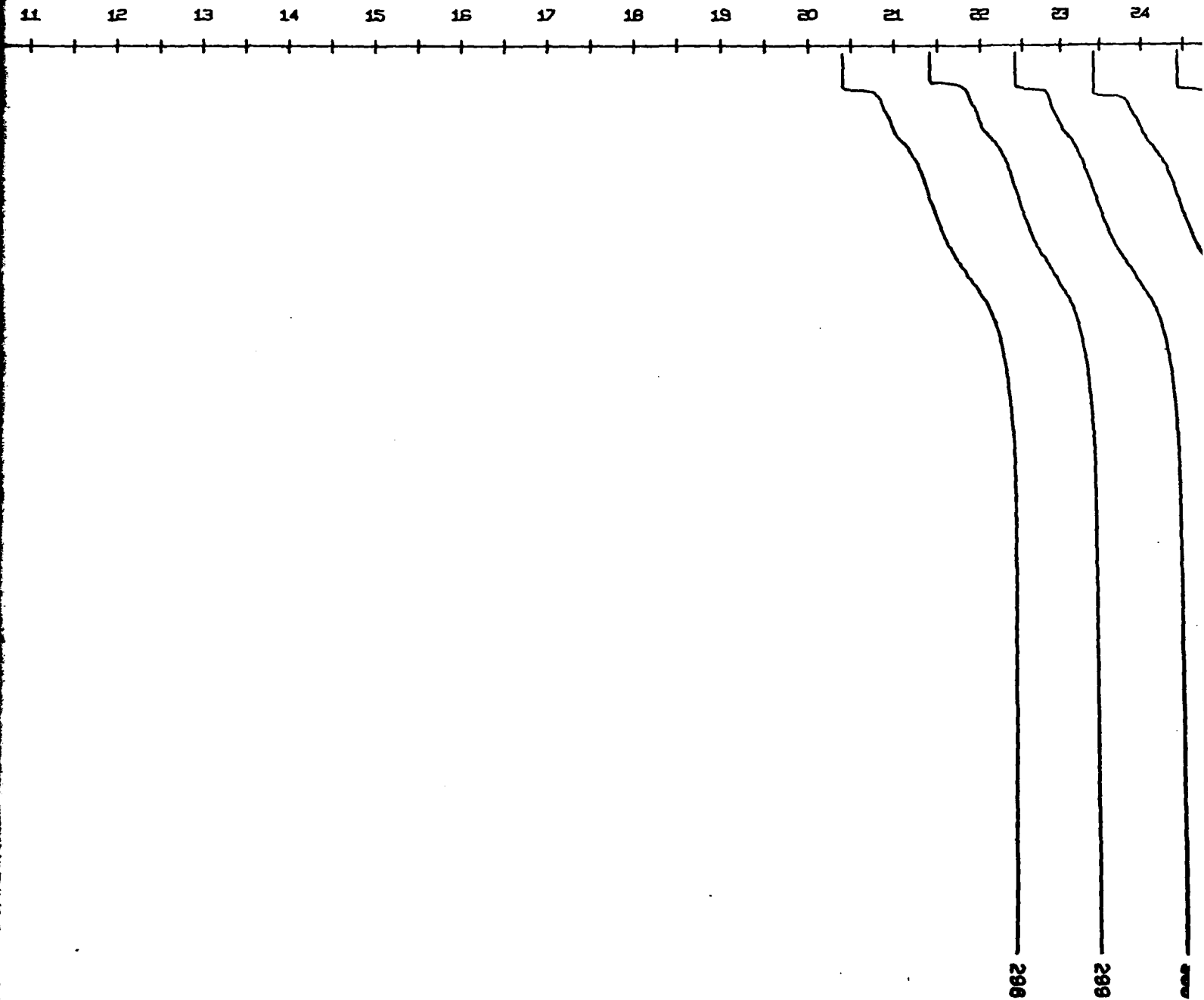
26 27 28 29 30



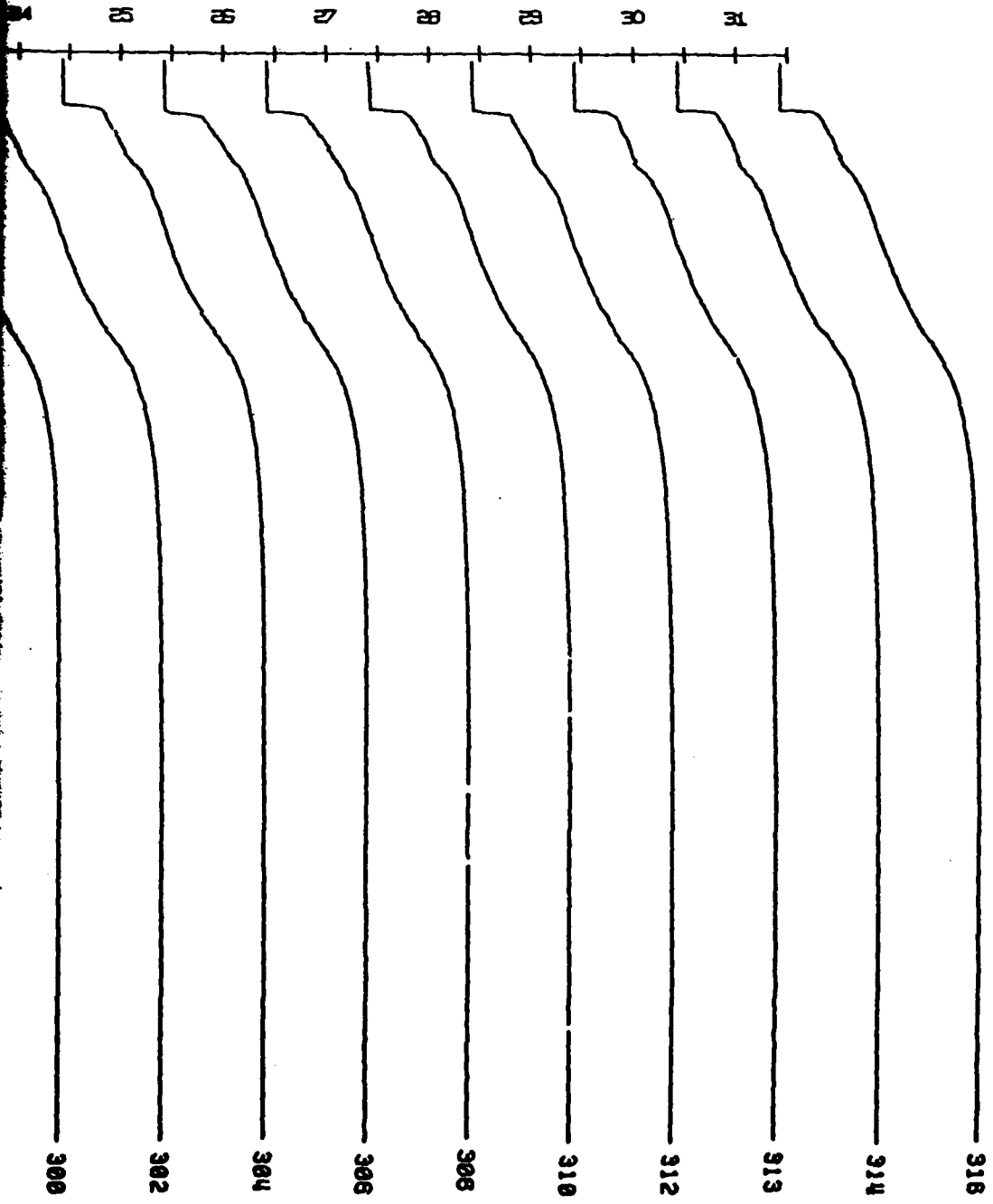
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- EACH PROFILE PLOTTED WITH RESPECT TO LEFT DIVISION MARK (30.0 PPT)
- SALINITY SCALE SHIFTS RIGHT 1 DIVISION (1.0 PPT) PER HALF DAY



SALINITY PROFILES AT CAMP BLUE FOX
DEC 1, 1975 TO DEC 31, 1975

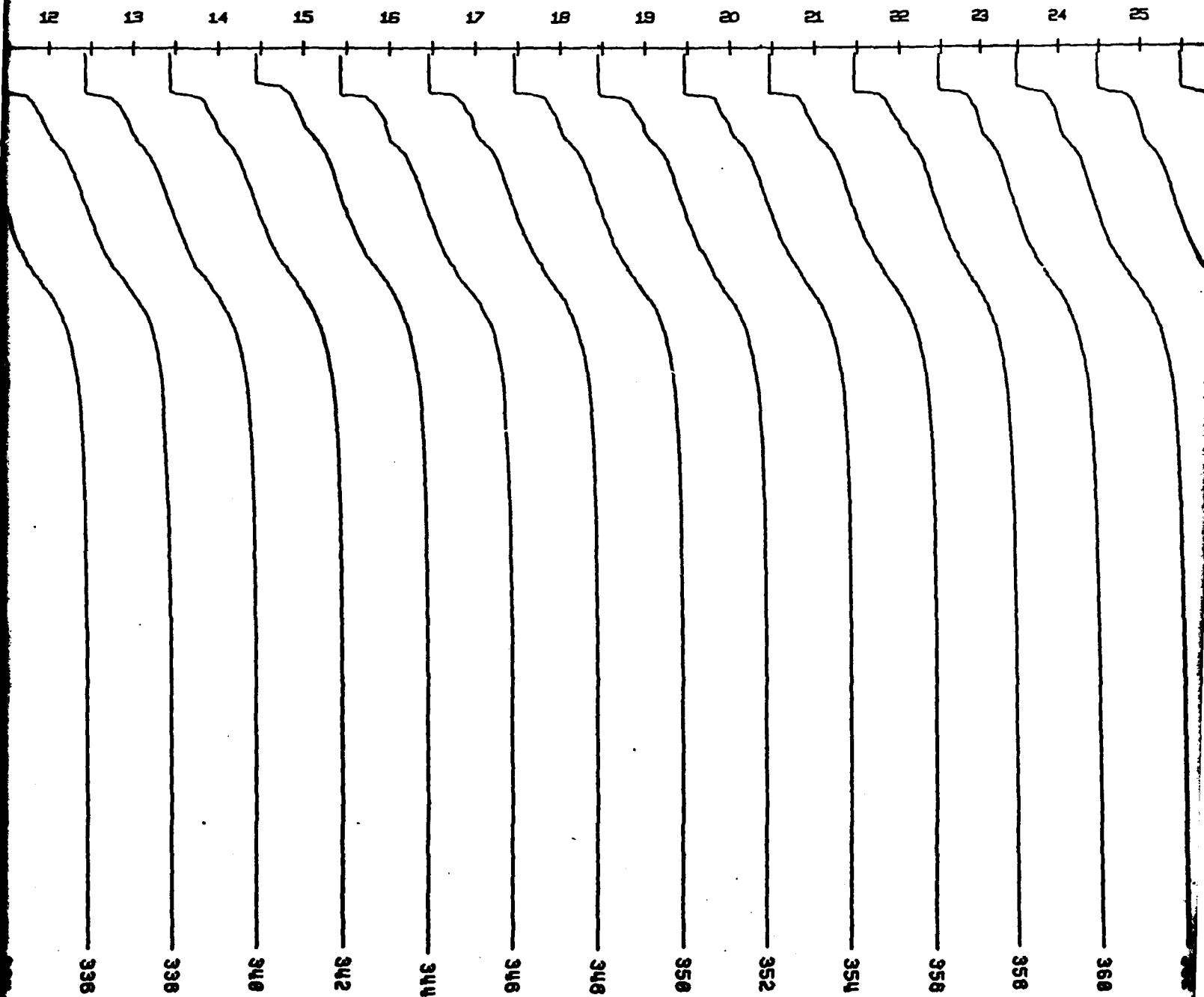


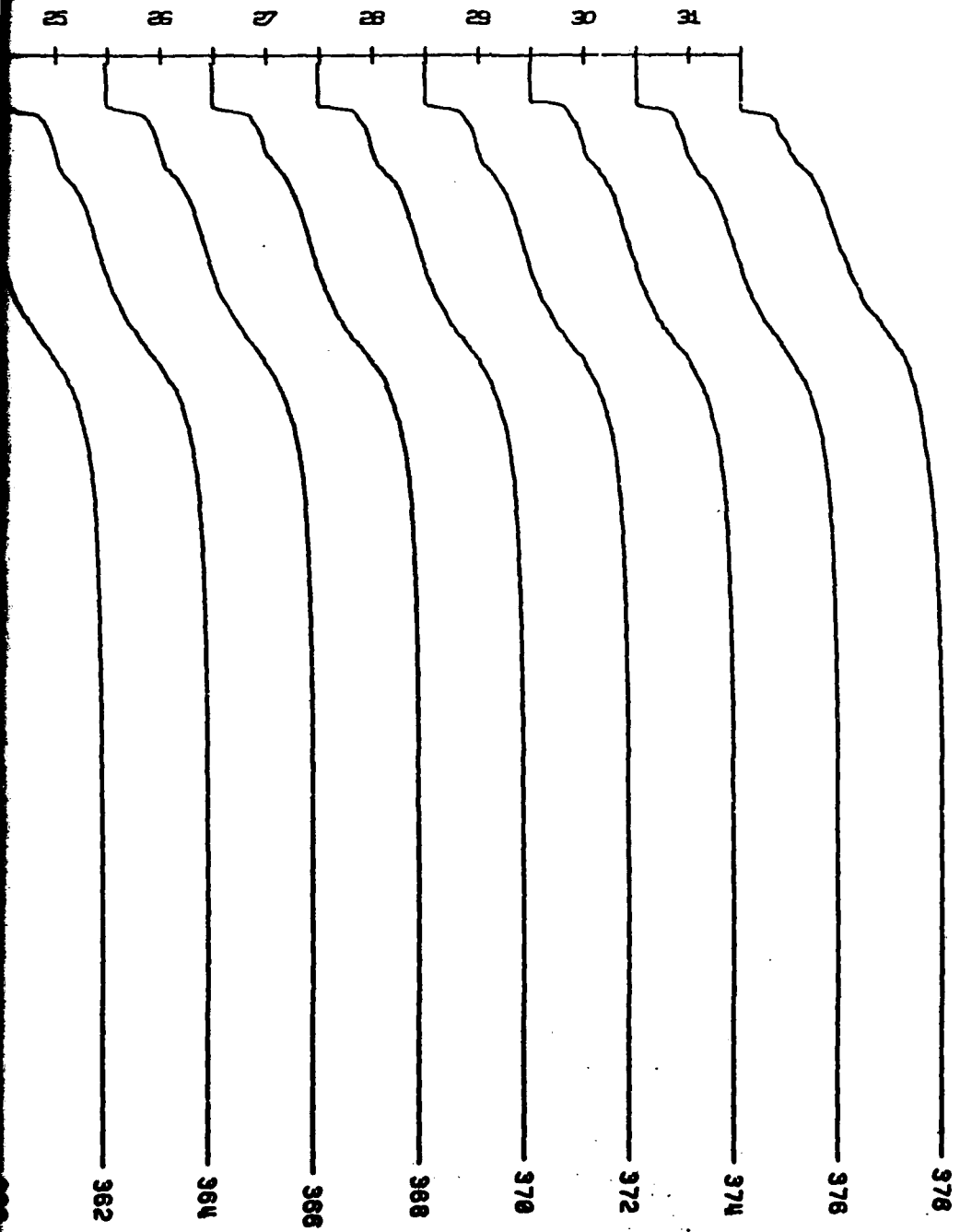
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11

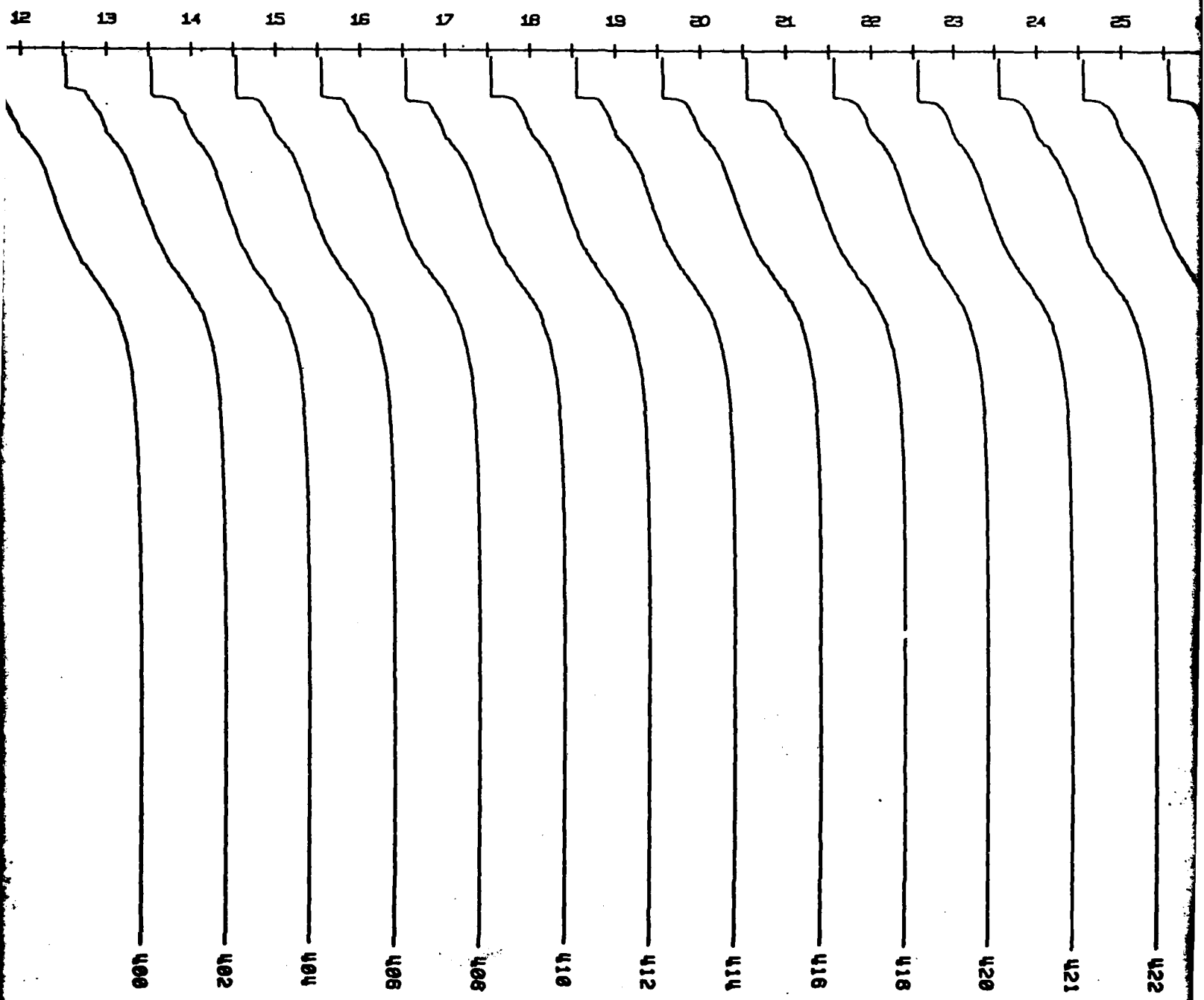
SALINITY PROFILES AT CAMP BLUE FOX
JAN 1, 1976 TO JAN 31, 1976

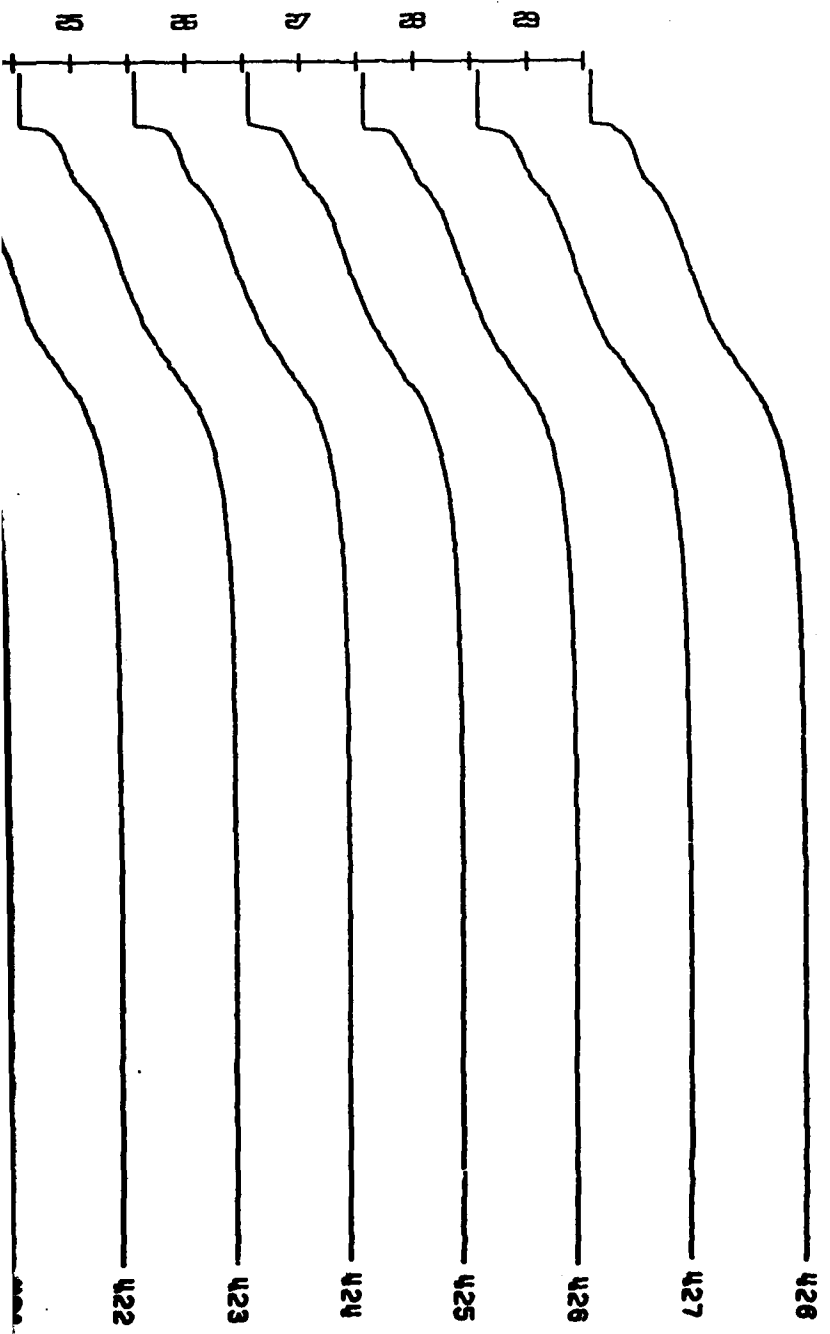




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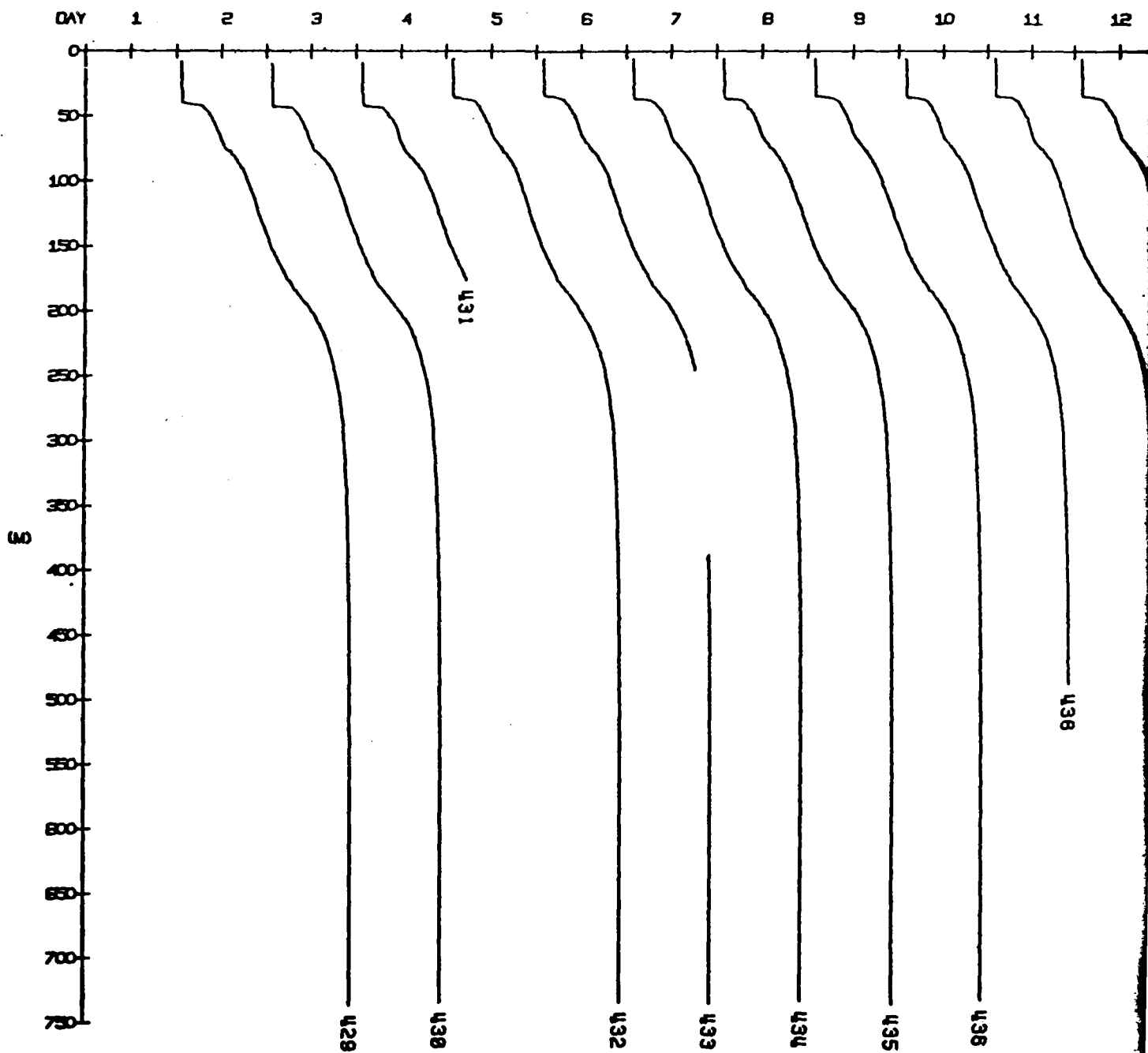
INITY PROFILES AT CAMP BLUE FOX
FEB 1, 1976 TO FEB 29, 1976



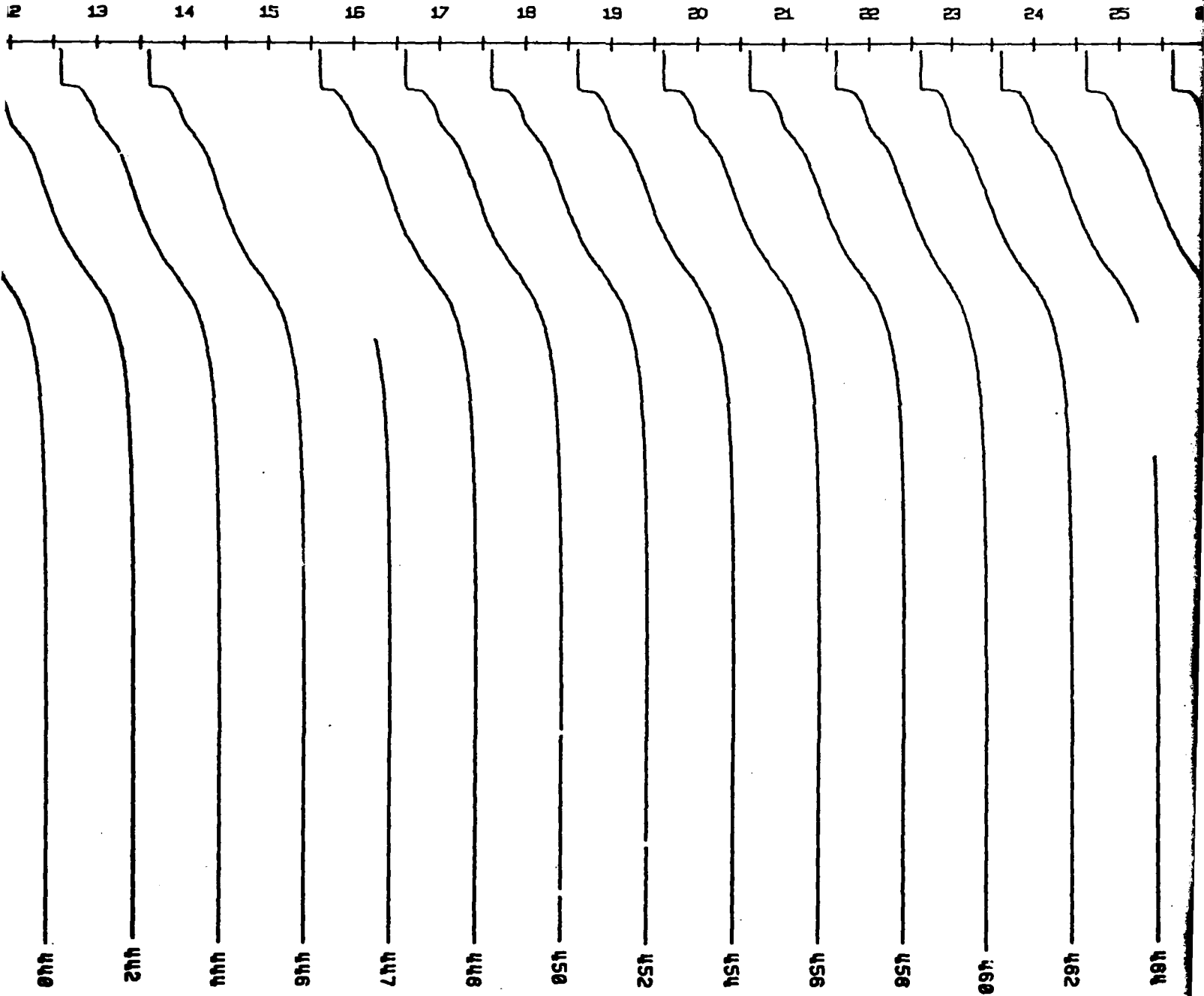


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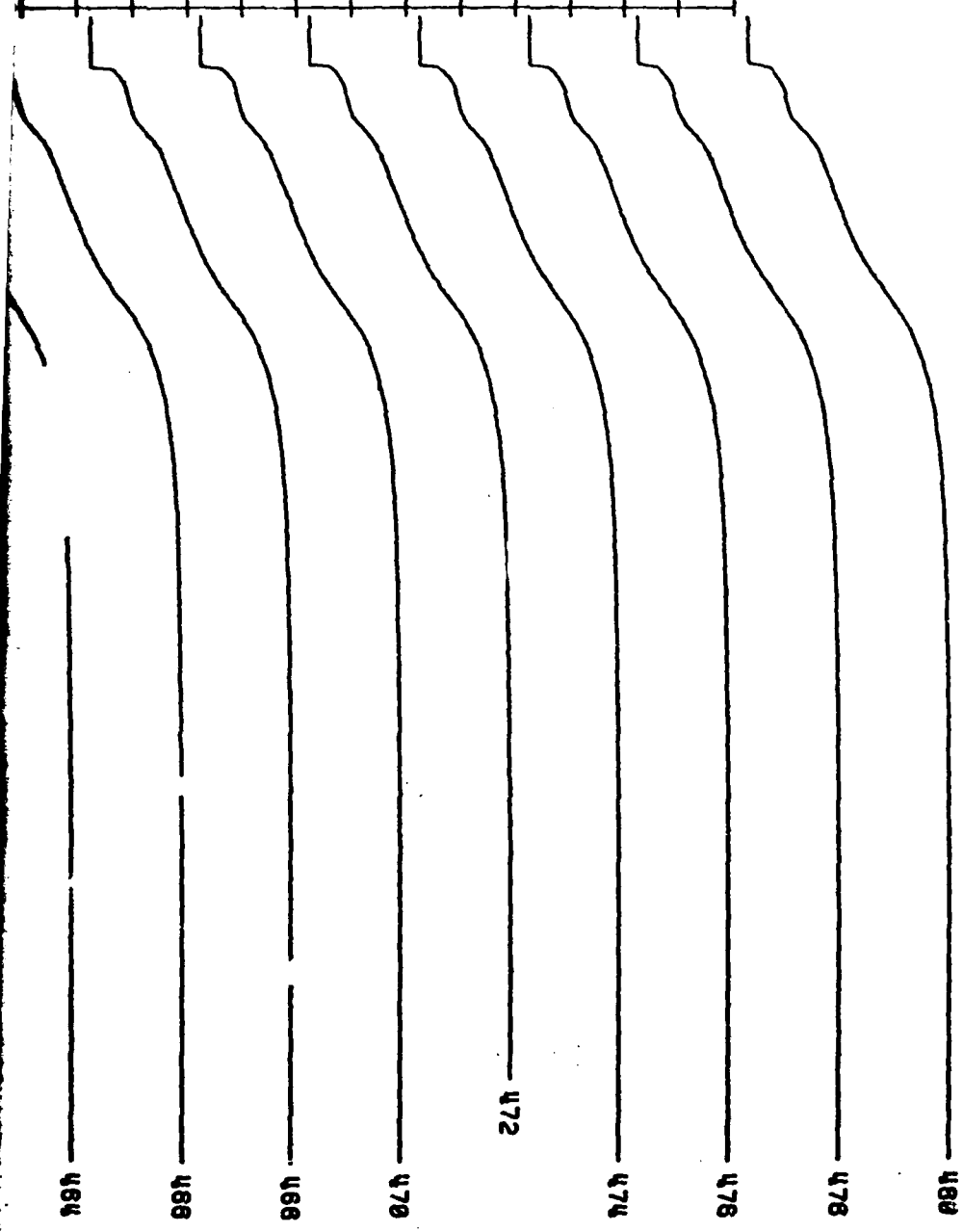
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- SALINITY SCALE SHIFTS RIGHT 1 DIVISION (1.0 PPT) PER HALF DAY



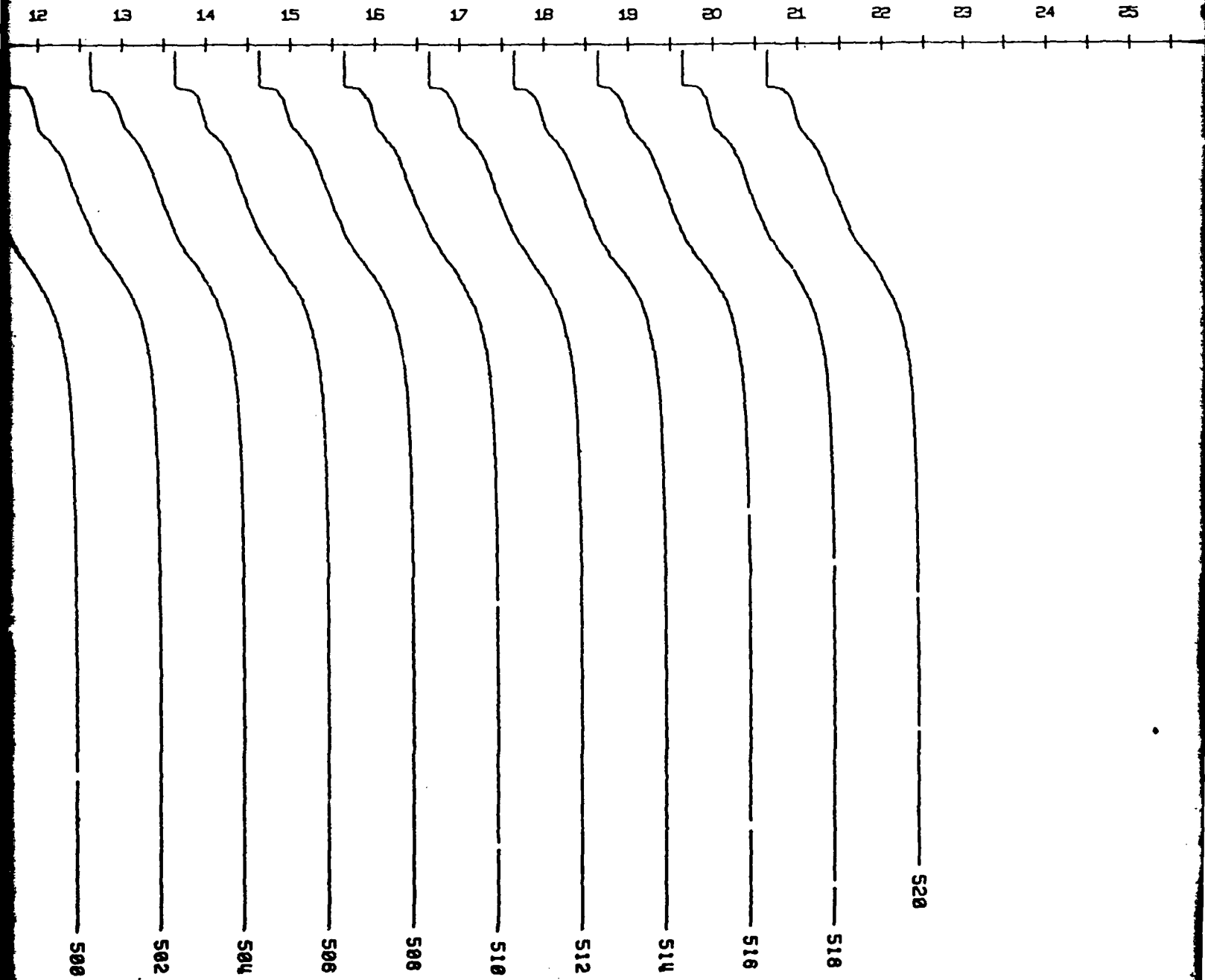
SALINITY PROFILES AT CAMP BLUE FOX
MAR 1, 1976 TO MAR 31, 1976



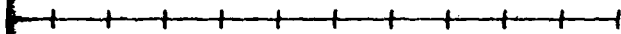
26 27 28 29 30 31



SALINITY PROFILES AT CAMP BLUE FOX
APR 1, 1976 TO APR 30, 1976



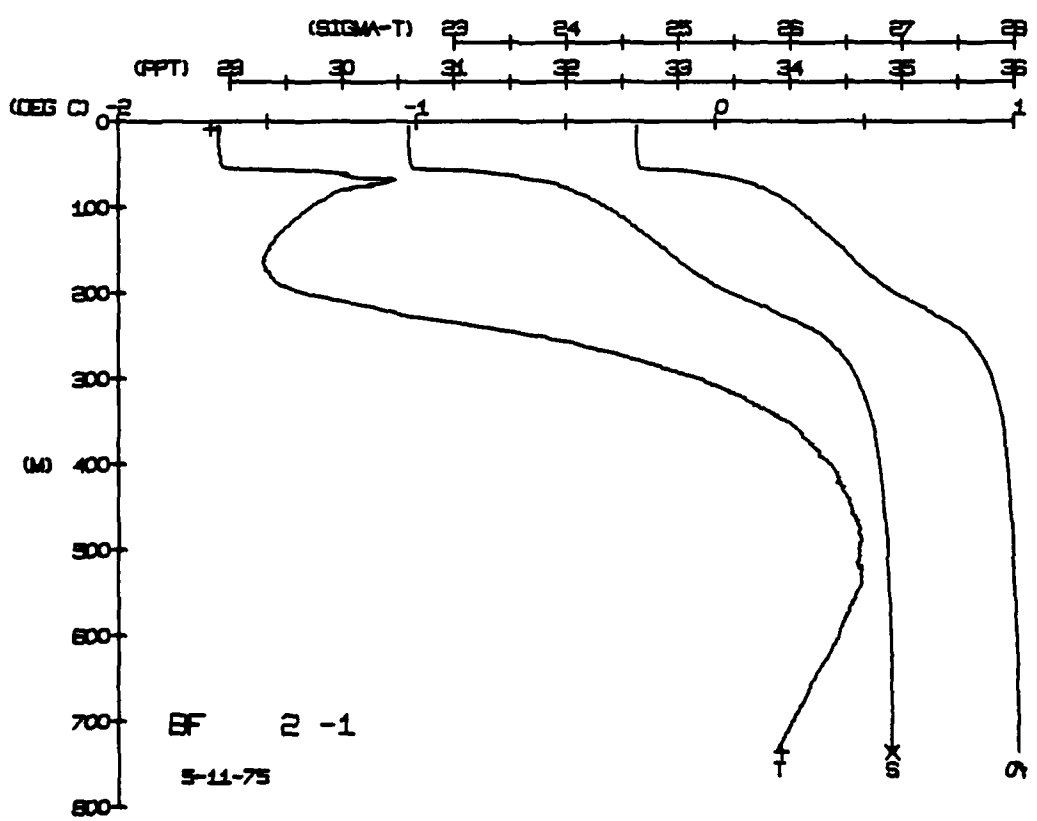
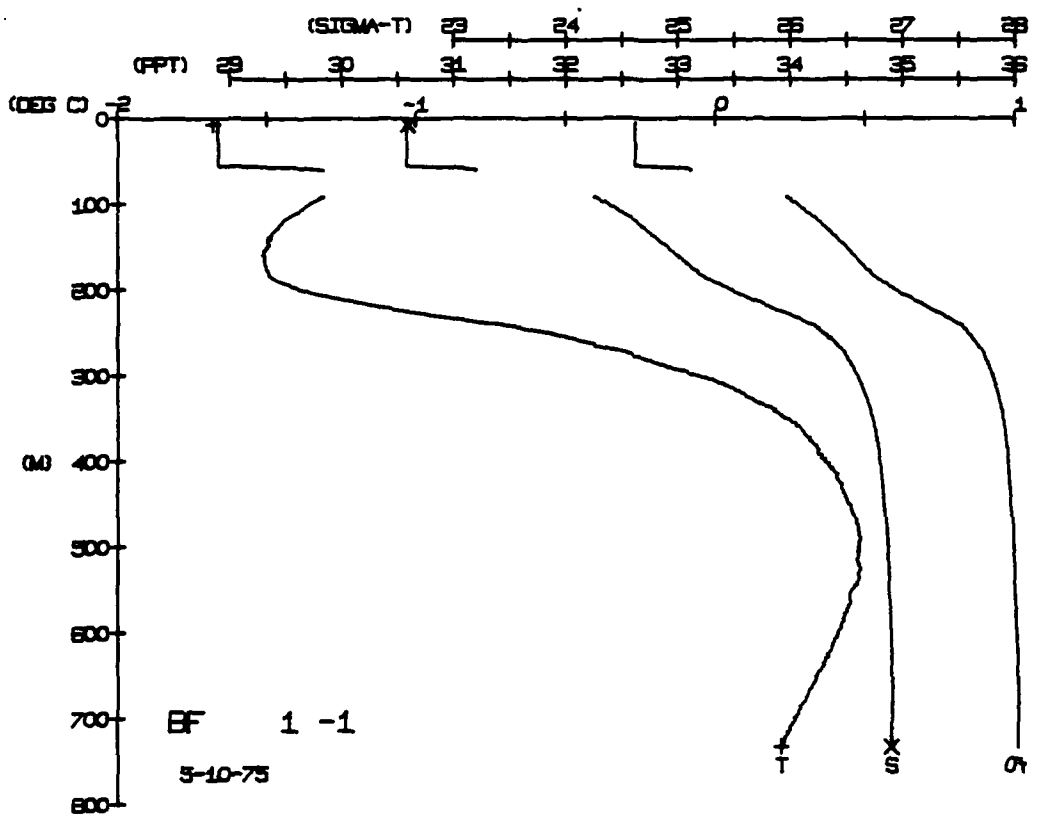
25 27 28 29 30

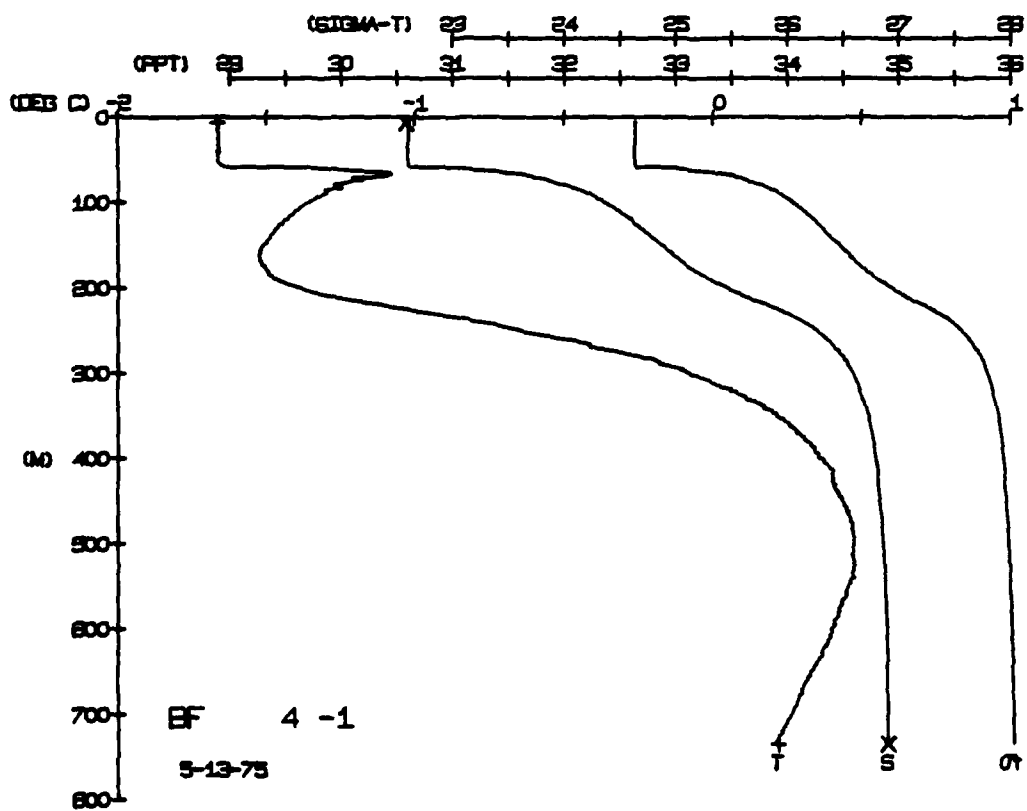
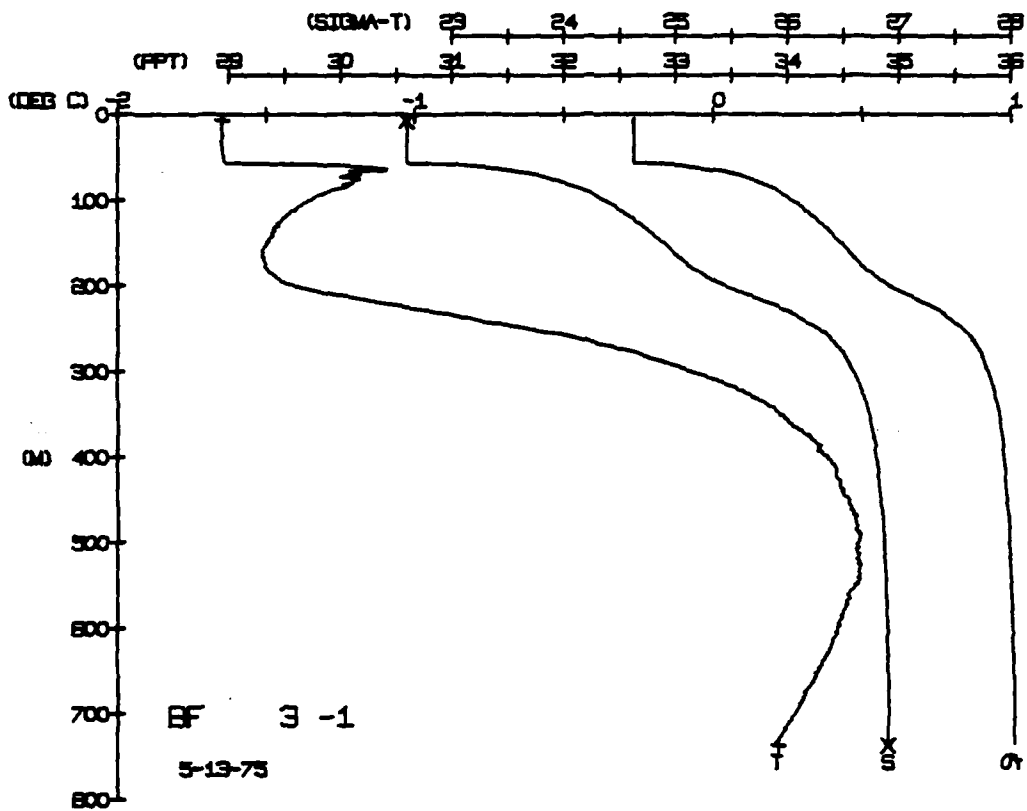


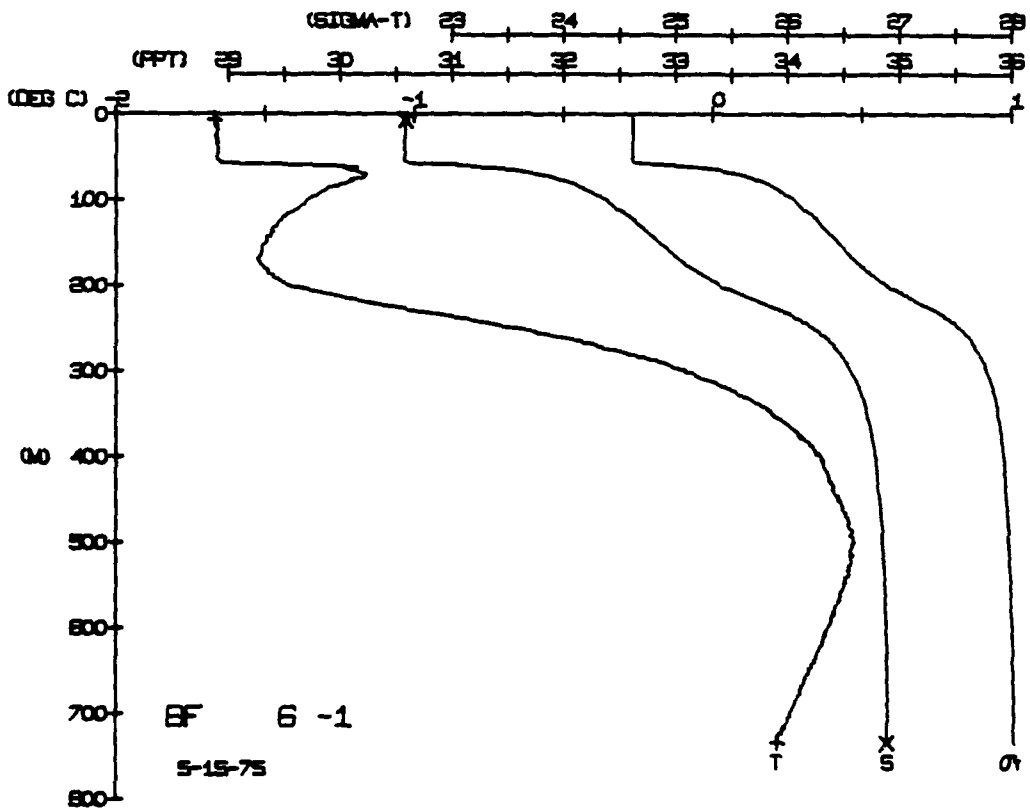
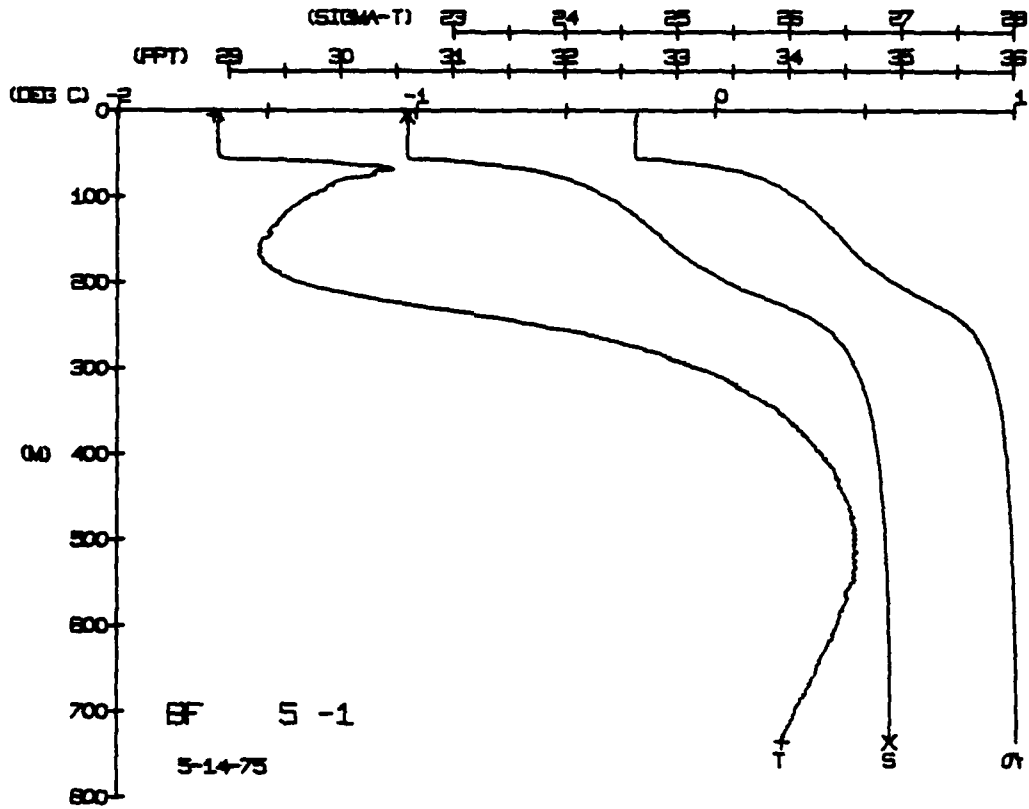
RESULTS

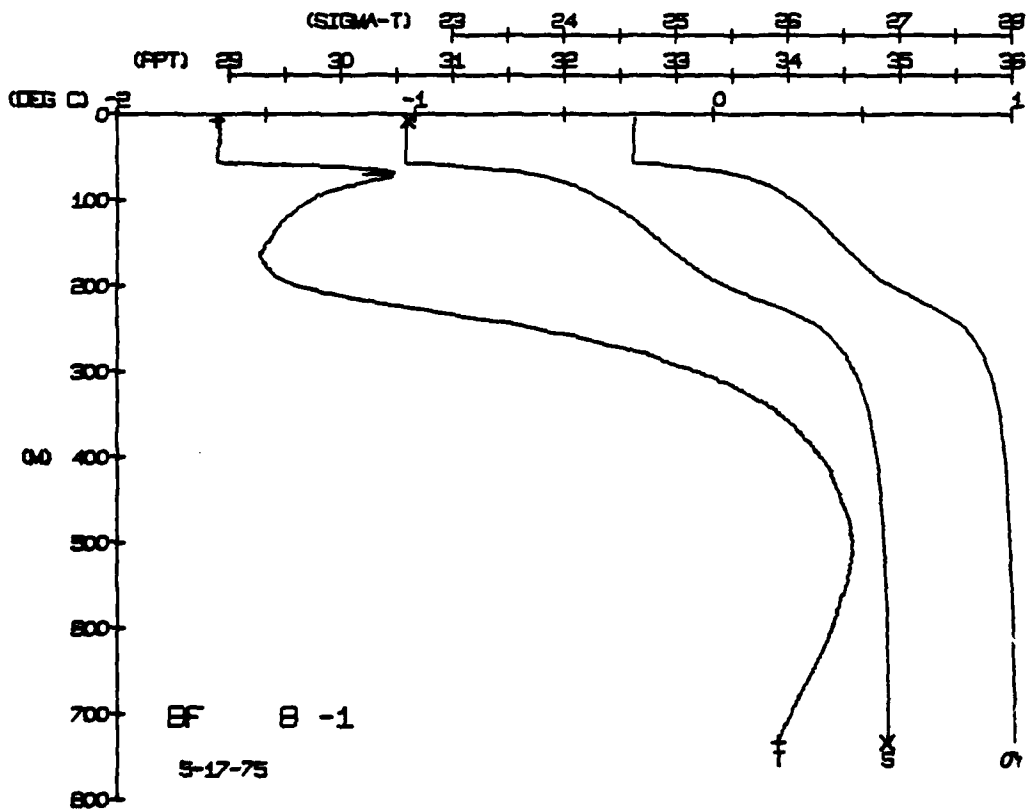
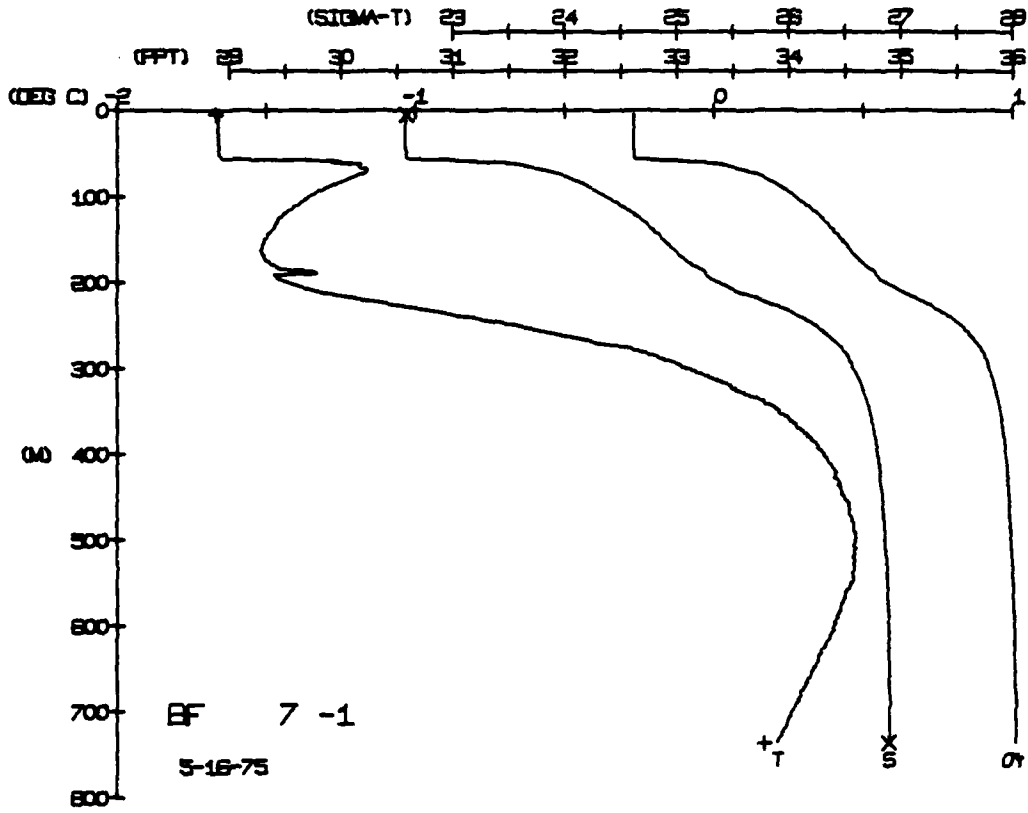
Section 2 (STD Data)

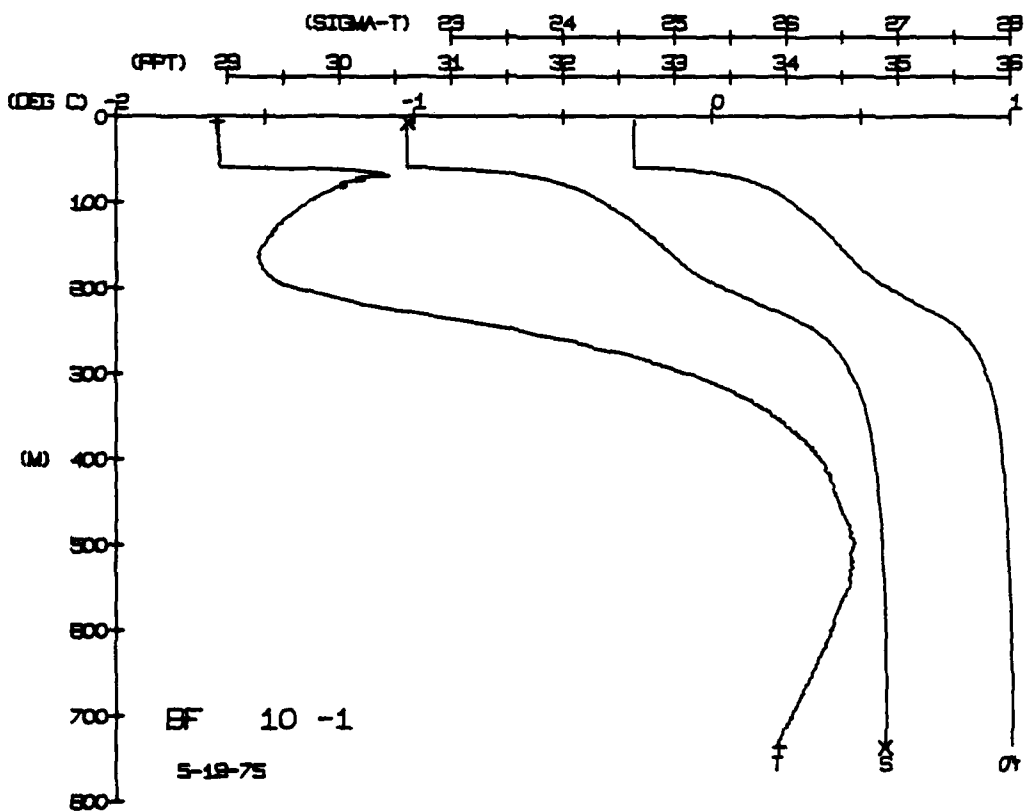
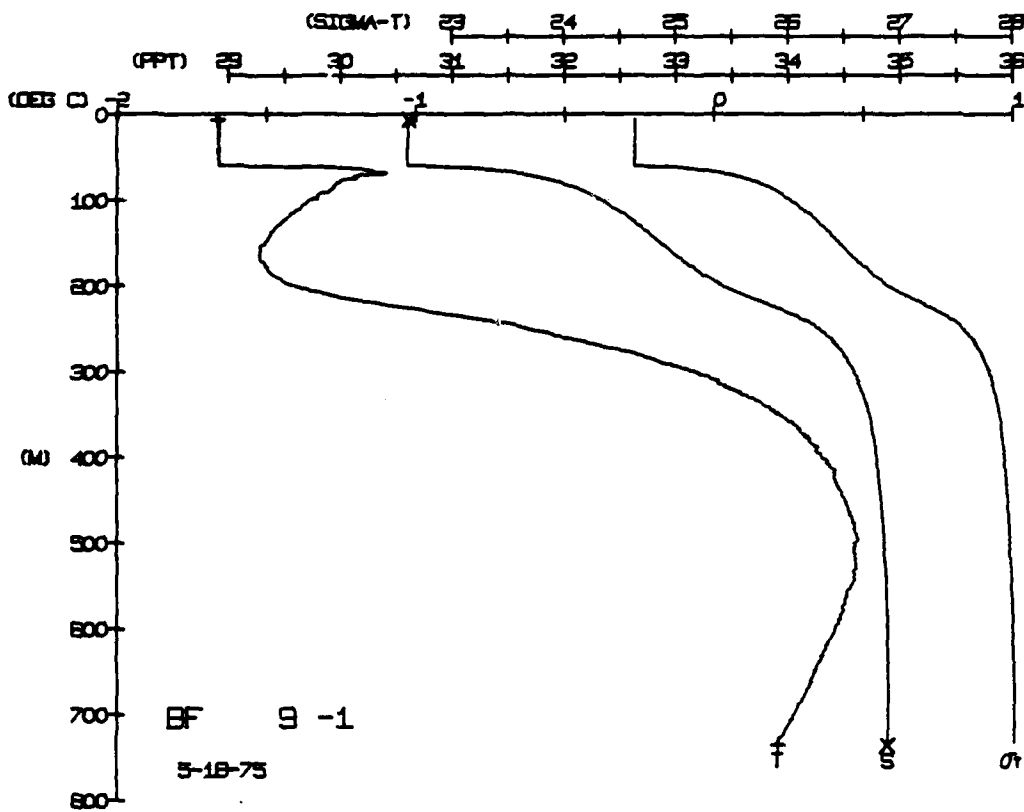
This section provides all of the STD data taken at Camp Blue Fox during the 1975-1976 Arctic Ice Dynamics Joint Experiment. Numerical listings and corresponding plots are given.











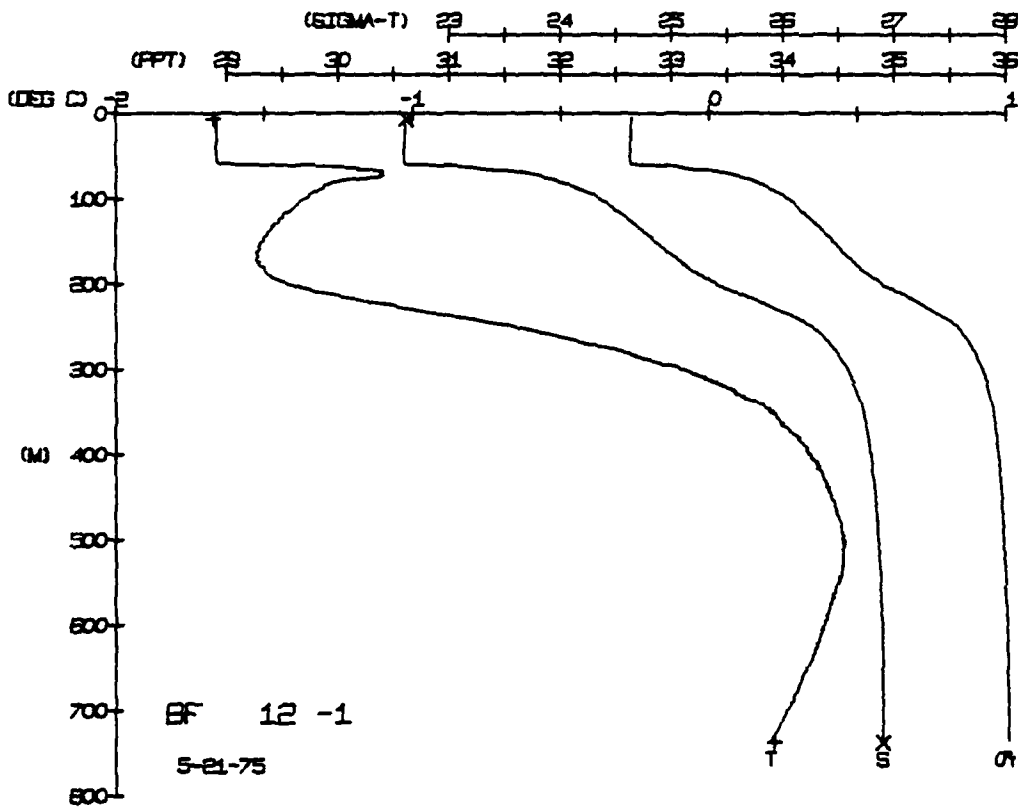
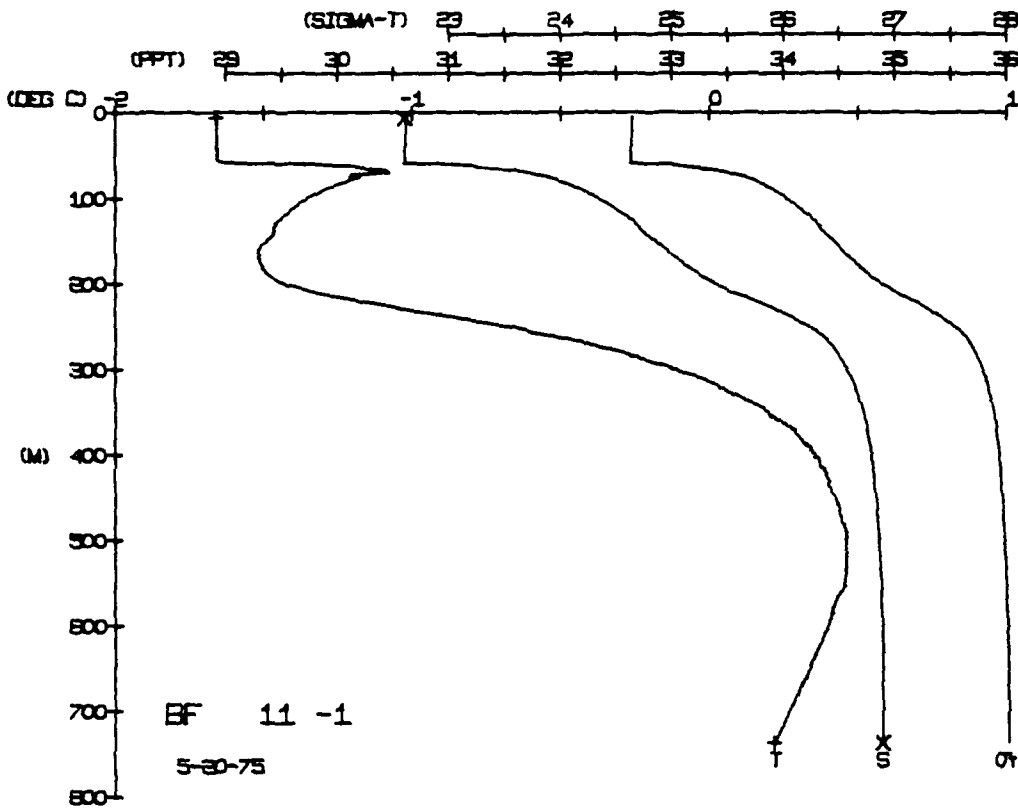
BLUE FOX STATION 11(1) CTD 20/MAY/1975 1800 GMT CODE = 3
 LAT = 76.9166M LNG = 143.7398M LTR = 0.0
 AIR TEMP = -12.3 BAROM = 1021.8 WIND = 352.5 SPEED = 50.2

DEPTH	TEMP	PTEMP	SALIN	SIG T	SPVUL	DYNHT	SOUND
0.0	66	66	30.61	24.64	330.7	0.000	1435.3
5.0	66	66	30.61	24.64	330.7	0.017	1435.4
10.0	66	66	30.61	24.64	330.7	0.033	1435.5
15.0	66	66	30.61	24.64	330.7	0.050	1435.6
20.0	66	66	30.61	24.64	330.7	0.067	1435.7
25.0	66	66	30.60	24.64	331.0	0.083	1435.8
30.0	66	66	30.60	24.63	331.0	0.100	1435.9
35.0	66	66	30.60	24.63	331.0	0.117	1436.0
40.0	66	66	30.60	24.63	331.0	0.133	1436.1
45.0	66	66	30.60	24.63	331.0	0.150	1436.2
50.0	66	66	30.60	24.63	331.0	0.167	1436.3
55.0	66	66	30.60	24.63	331.0	0.183	1436.4
60.0	66	66	30.60	24.63	331.0	0.200	1436.5
65.0	66	66	30.60	24.63	331.0	0.217	1436.6
70.0	66	66	30.60	24.63	331.0	0.233	1436.7
75.0	66	66	30.60	24.63	331.0	0.250	1436.8
80.0	66	66	30.60	24.63	331.0	0.267	1436.9
85.0	66	66	30.60	24.63	331.0	0.283	1437.0
90.0	66	66	30.60	24.63	331.0	0.300	1437.1
95.0	66	66	30.60	24.63	331.0	0.317	1437.2
100.0	66	66	30.60	24.63	331.0	0.333	1437.3
105.0	66	66	30.60	24.63	331.0	0.350	1437.4
110.0	66	66	30.60	24.63	331.0	0.367	1437.5
115.0	66	66	30.60	24.63	331.0	0.383	1437.6
120.0	66	66	30.60	24.63	331.0	0.400	1437.7
125.0	66	66	30.60	24.63	331.0	0.417	1437.8
130.0	66	66	30.60	24.63	331.0	0.433	1437.9
135.0	66	66	30.60	24.63	331.0	0.450	1438.0
140.0	66	66	30.60	24.63	331.0	0.467	1438.1
145.0	66	66	30.60	24.63	331.0	0.483	1438.2
150.0	66	66	30.60	24.63	331.0	0.500	1438.3
155.0	66	66	30.60	24.63	331.0	0.517	1438.4
160.0	66	66	30.60	24.63	331.0	0.533	1438.5
165.0	66	66	30.60	24.63	331.0	0.550	1438.6
170.0	66	66	30.60	24.63	331.0	0.567	1438.7
175.0	66	66	30.60	24.63	331.0	0.583	1438.8
180.0	66	66	30.60	24.63	331.0	0.600	1438.9
185.0	66	66	30.60	24.63	331.0	0.617	1439.0
190.0	66	66	30.60	24.63	331.0	0.633	1439.1
195.0	66	66	30.60	24.63	331.0	0.650	1439.2
200.0	66	66	30.60	24.63	331.0	0.667	1439.3
205.0	66	66	30.60	24.63	331.0	0.683	1439.4
210.0	66	66	30.60	24.63	331.0	0.700	1439.5
215.0	66	66	30.60	24.63	331.0	0.717	1439.6
220.0	66	66	30.60	24.63	331.0	0.733	1439.7
225.0	66	66	30.60	24.63	331.0	0.750	1439.8
230.0	66	66	30.60	24.63	331.0	0.767	1439.9
235.0	66	66	30.60	24.63	331.0	0.783	1440.0
240.0	66	66	30.60	24.63	331.0	0.800	1440.1
245.0	66	66	30.60	24.63	331.0	0.817	1440.2
250.0	66	66	30.60	24.63	331.0	0.833	1440.3
255.0	66	66	30.60	24.63	331.0	0.850	1440.4
260.0	66	66	30.60	24.63	331.0	0.867	1440.5
265.0	66	66	30.60	24.63	331.0	0.883	1440.6
270.0	66	66	30.60	24.63	331.0	0.900	1440.7
275.0	66	66	30.60	24.63	331.0	0.917	1440.8
280.0	66	66	30.60	24.63	331.0	0.933	1440.9
285.0	66	66	30.60	24.63	331.0	0.950	1441.0
290.0	66	66	30.60	24.63	331.0	0.967	1441.1
295.0	66	66	30.60	24.63	331.0	0.983	1441.2
300.0	66	66	30.60	24.63	331.0	1.000	1441.3
305.0	66	66	30.60	24.63	331.0	1.017	1441.4
310.0	66	66	30.60	24.63	331.0	1.033	1441.5
315.0	66	66	30.60	24.63	331.0	1.050	1441.6
320.0	66	66	30.60	24.63	331.0	1.067	1441.7
325.0	66	66	30.60	24.63	331.0	1.083	1441.8
330.0	66	66	30.60	24.63	331.0	1.100	1441.9
335.0	66	66	30.60	24.63	331.0	1.117	1442.0
340.0	66	66	30.60	24.63	331.0	1.133	1442.1
345.0	66	66	30.60	24.63	331.0	1.150	1442.2
350.0	66	66	30.60	24.63	331.0	1.167	1442.3
355.0	66	66	30.60	24.63	331.0	1.183	1442.4
360.0	66	66	30.60	24.63	331.0	1.200	1442.5
365.0	66	66	30.60	24.63	331.0	1.217	1442.6
370.0	66	66	30.60	24.63	331.0	1.233	1442.7
375.0	66	66	30.60	24.63	331.0	1.250	1442.8
380.0	66	66	30.60	24.63	331.0	1.267	1442.9
385.0	66	66	30.60	24.63	331.0	1.283	1443.0
390.0	66	66	30.60	24.63	331.0	1.300	1443.1
395.0	66	66	30.60	24.63	331.0	1.317	1443.2
400.0	66	66	30.60	24.63	331.0	1.333	1443.3
405.0	66	66	30.60	24.63	331.0	1.350	1443.4
410.0	66	66	30.60	24.63	331.0	1.367	1443.5
415.0	66	66	30.60	24.63	331.0	1.383	1443.6
420.0	66	66	30.60	24.63	331.0	1.400	1443.7
425.0	66	66	30.60	24.63	331.0	1.417	1443.8
430.0	66	66	30.60	24.63	331.0	1.433	1443.9
435.0	66	66	30.60	24.63	331.0	1.450	1444.0
440.0	66	66	30.60	24.63	331.0	1.467	1444.1
445.0	66	66	30.60	24.63	331.0	1.483	1444.2
450.0	66	66	30.60	24.63	331.0	1.500	1444.3
455.0	66	66	30.60	24.63	331.0	1.517	1444.4
460.0	66	66	30.60	24.63	331.0	1.533	1444.5
465.0	66	66	30.60	24.63	331.0	1.550	1444.6
470.0	66	66	30.60	24.63	331.0	1.567	1444.7
475.0	66	66	30.60	24.63	331.0	1.583	1444.8
480.0	66	66	30.60	24.63	331.0	1.600	1444.9
485.0	66	66	30.60	24.63	331.0	1.617	1445.0
490.0	66	66	30.60	24.63	331.0	1.633	1445.1
495.0	66	66	30.60	24.63	331.0	1.650	1445.2
500.0	66	66	30.60	24.63	331.0	1.667	1445.3
505.0	66	66	30.60	24.63	331.0	1.683	1445.4
510.0	66	66	30.60	24.63	331.0	1.700	1445.5
515.0	66	66	30.60	24.63	331.0	1.717	1445.6
520.0	66	66	30.60	24.63	331.0	1.733	1445.7
525.0	66	66	30.60	24.63	331.0	1.750	1445.8
530.0	66	66	30.60	24.63	331.0	1.767	1445.9
535.0	66	66	30.60	24.63	331.0	1.783	1446.0
540.0	66	66	30.60	24.63	331.0	1.800	1446.1
545.0	66	66	30.60	24.63	331.0	1.817	1446.2
550.0	66	66	30.60	24.63	331.0	1.833	1446.3
555.0	66	66	30.60	24.63	331.0	1.850	1446.4
560.0	66	66	30.60	24.63	331.0	1.867	1446.5
565.0	66	66	30.60	24.63	331.0	1.883	1446.6
570.0	66	66	30.60	24.63	331.0	1.900	1446.7
575.0	66	66	30.60	24.63	331.0	1.917	1446.8
580.0	66	66	30.60	24.63	331.0	1.933	1446.9
585.0	66	66	30.60	24.63	331.0	1.950	1447.0
590.0	66	66	30.60	24.63	331.0	1.967	1447.1
595.0	66	66	30.60	24.63	331.0	1.983	1447.2
600.0	66	66	30.60	24.63	331.0	2.000	1447.3

DEPTH 6.0
 TEMP -1.66
 SALIN 30.60
 SIG T 24.64
 SPVUL 330.7
 DYNHT 0.000
 SOUND 1435.3

BLUE FOX STATION 12(1) CTD 21/MAY/1975 1800 GMT CODE = 1
 LAT = 76.2174M LNG = 143.6774M LTR = 1.1
 AIR TEMP = -10.2 BAROM = 1071.1 WIND = 176.0 SPEED = 47.9

DEPTH	TEMP	PTEMP	SALIN	SIG T	SPVUL	DYNHT	SOUND
0.0	66	66	30.60	24.63	331.5	0.000	1435.3
5.0	66	66	30.60	24.63	331.5	0.017	1435.4
10.0	66	66	30.60	24.63	331.5	0.033	1435.5
15.0	66	66	30.60	24.63	331.5	0.050	1435.6
20.0	66	66	30.60	24.63	331.5	0.067	1435.7
25.0	66	66	30.60	24.63	331.5	0.083	1435.8
30.0	66	66	30.60	24.63	331.5	0.100	1435.9
35.0	66	66	30.60	24.63	331.5	0.117	1436.0
40.0	66	66	30.60	24.63	331.5	0.133	1436.1
45.0	66	66	30.60	24.63	331.5	0.150	1436.2
50.0	66	66	30.60	24.63	331.5	0.167	1436.3
55.0	66	66	30.60	24.63	331.5	0.183	1436.4
60.0	66	66	30.60	24.63	331.5	0.200	1436.5
65.0	66	66	30.60	24.63	331.5	0.217	1436.6
70.0	66	66	30.60	24.63	331.5	0.233	1436.7
75.0	66	66	30.60	24.63	331.5	0.250	1436.8
80.0	66	66	30.60	24.63	331.5	0.267	1436.9
85.0	66	66	30.60	24.63	331.5	0.283	1437.0
90.0	66	66	30.60	24.63	331.5	0.300	1437.1
95.0	66	66	30.60	24.63	331.5	0.317	1437.2
100.0	66	66	30.60	24.63	331.5	0.333	1437.3
105.0	66	66	30.60	24.63	331.5	0.350	1437.4
110.0	66	66	30.60	24.63	331.5	0.367	1437.5
115.0	66	66	30.60	24.63	331.5	0.383	1437.6
120.0	66	66	30.60	24.63	331.5	0.400	1437.7
125.0	66	66	30.60	24.63	331.5	0.417	1437.8
130.0	66	66	30.60</				



BLUE FOX STATION 13(1) CTD 22/MAY/1975 1800 GMT CODE = 1
 LAT = 76.9529N LNG = 143.4897W LTER = 12.0 UGER = 3.9
 AIR TEMP = -10.2 BAROM = 1018.3 WIND = 176.0 SPEED = 47.9

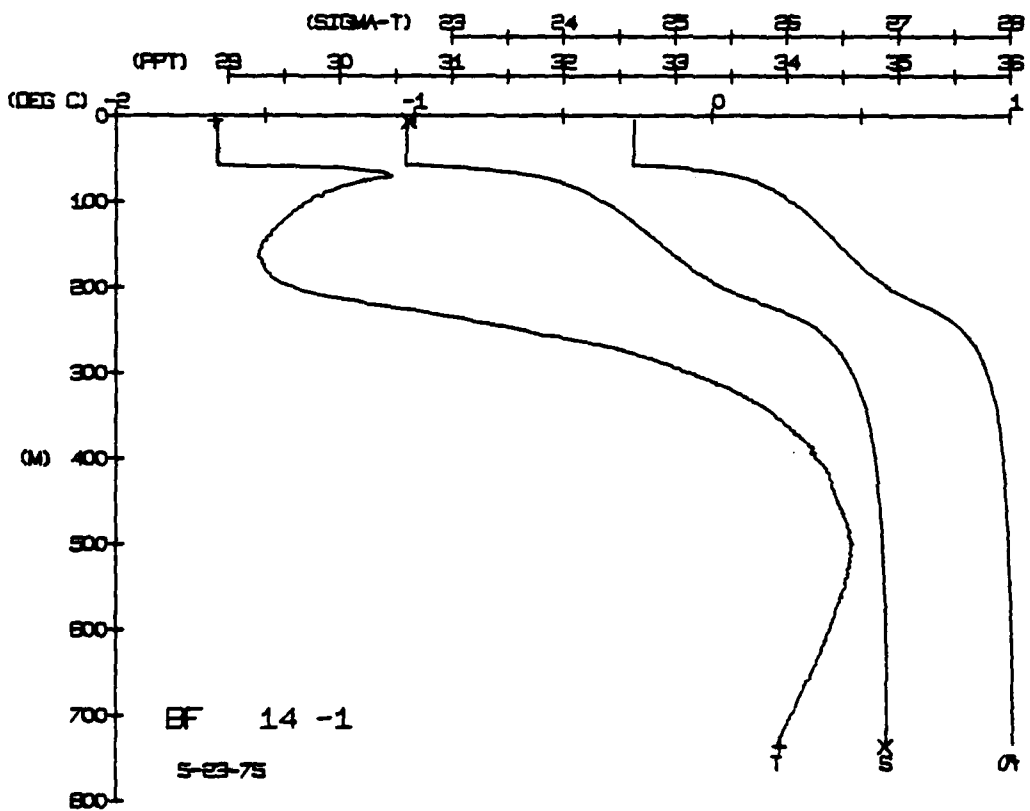
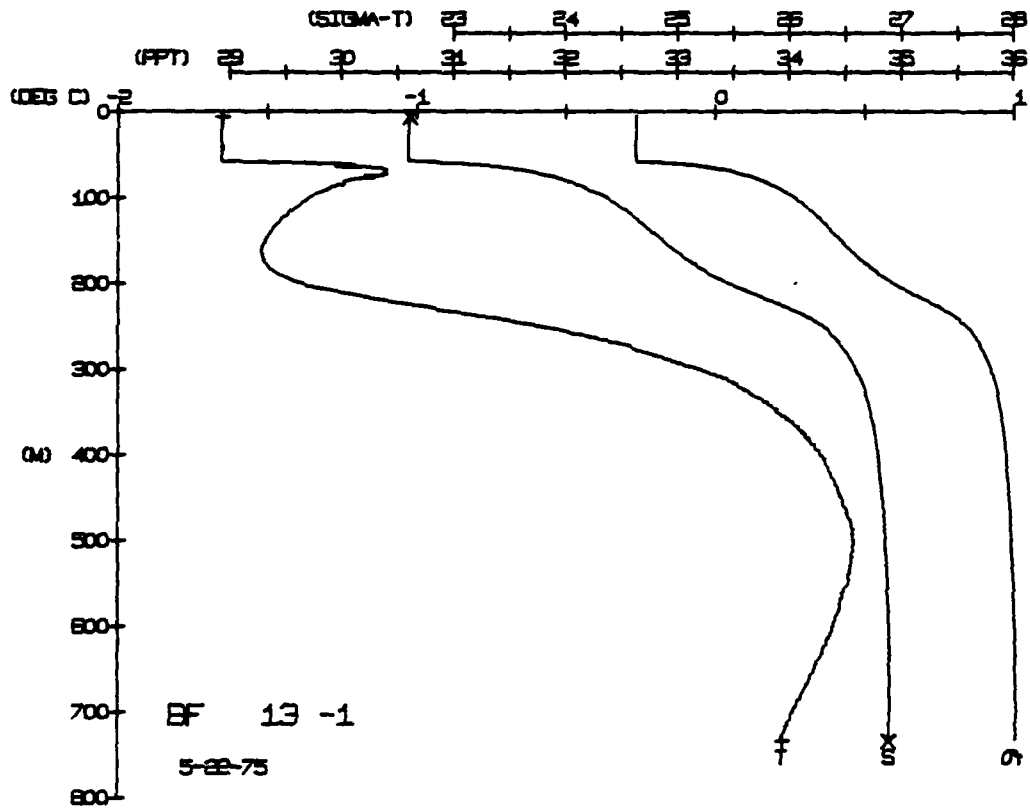
DEPTH	TEMP	SIG T	SPVUL	DYHMT	SOUND
0	55	22	7	000	335
5	55	22	11	000	335
10	55	22	11	000	335
15	55	22	11	000	335
20	55	22	11	000	335
25	55	22	11	000	335
30	55	22	11	000	335
35	55	22	11	000	335
40	55	22	11	000	335
45	55	22	11	000	335
50	55	22	11	000	335
55	55	22	11	000	335
60	55	22	11	000	335
65	55	22	11	000	335
70	55	22	11	000	335
75	55	22	11	000	335
80	55	22	11	000	335
85	55	22	11	000	335
90	55	22	11	000	335
95	55	22	11	000	335
100	55	22	11	000	335
105	55	22	11	000	335
110	55	22	11	000	335
115	55	22	11	000	335
120	55	22	11	000	335
125	55	22	11	000	335
130	55	22	11	000	335
135	55	22	11	000	335
140	55	22	11	000	335
145	55	22	11	000	335
150	55	22	11	000	335
155	55	22	11	000	335
160	55	22	11	000	335
165	55	22	11	000	335
170	55	22	11	000	335
175	55	22	11	000	335
180	55	22	11	000	335
185	55	22	11	000	335
190	55	22	11	000	335
195	55	22	11	000	335
200	55	22	11	000	335

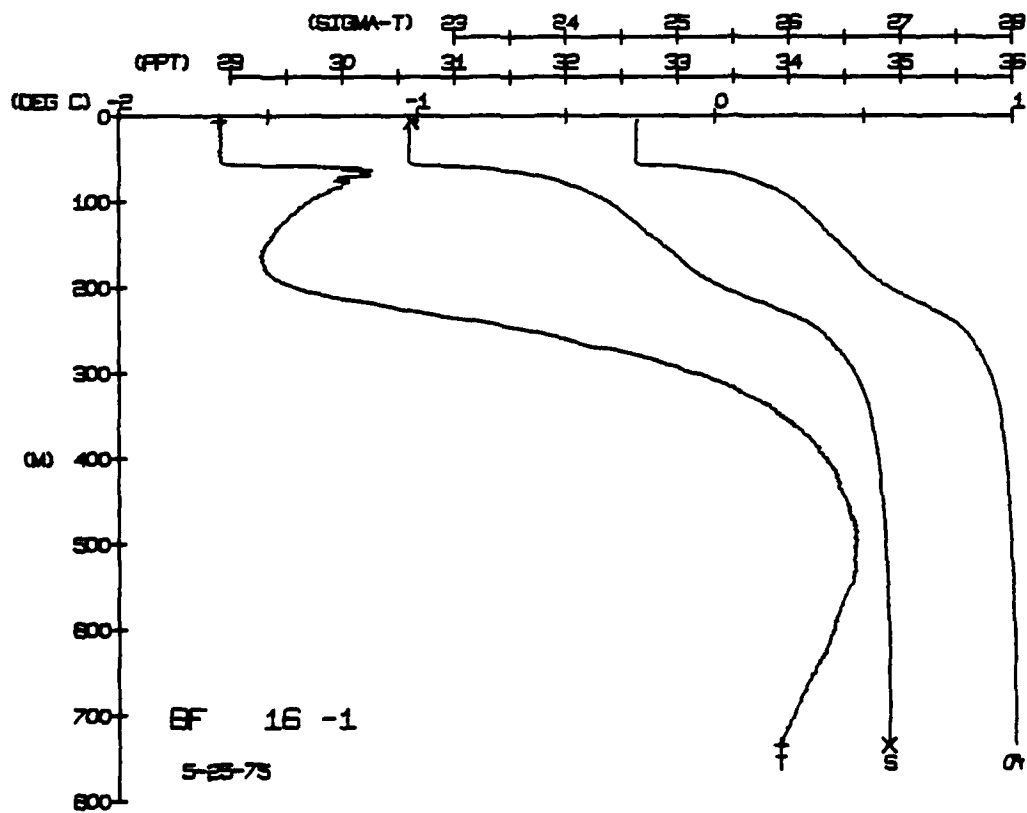
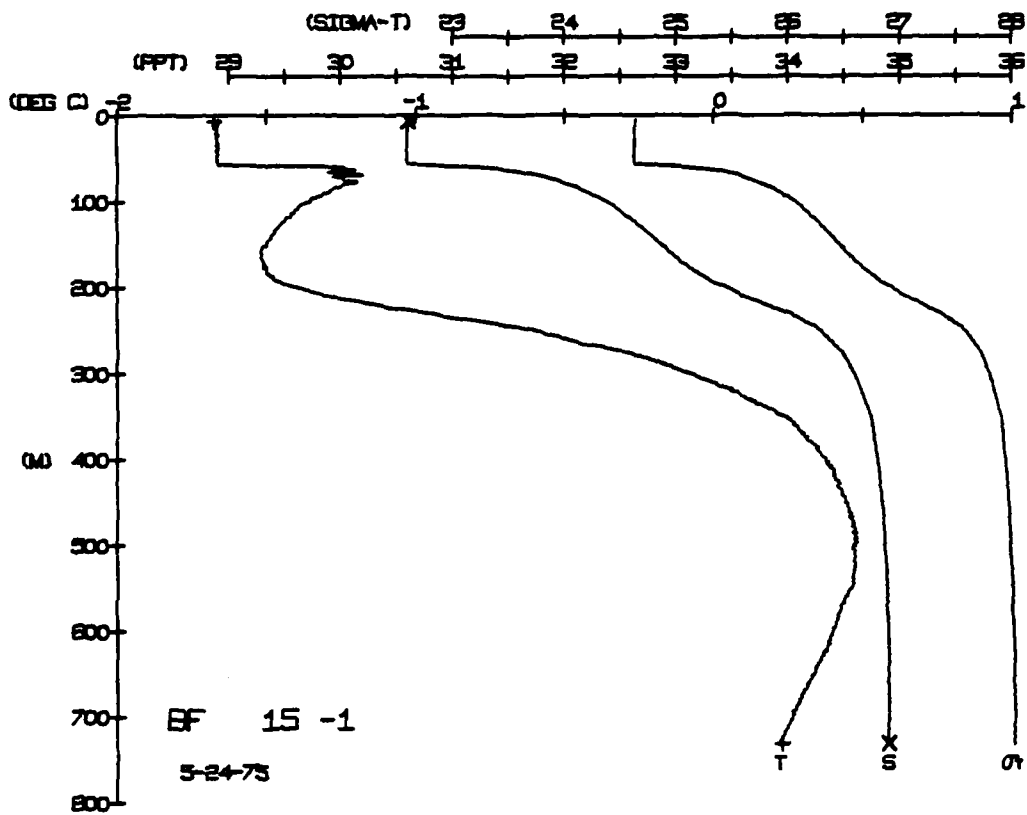
DEPTH 6.5 TEMP -1.65 SALIN 30.61
 733.1 -0.23 34.90

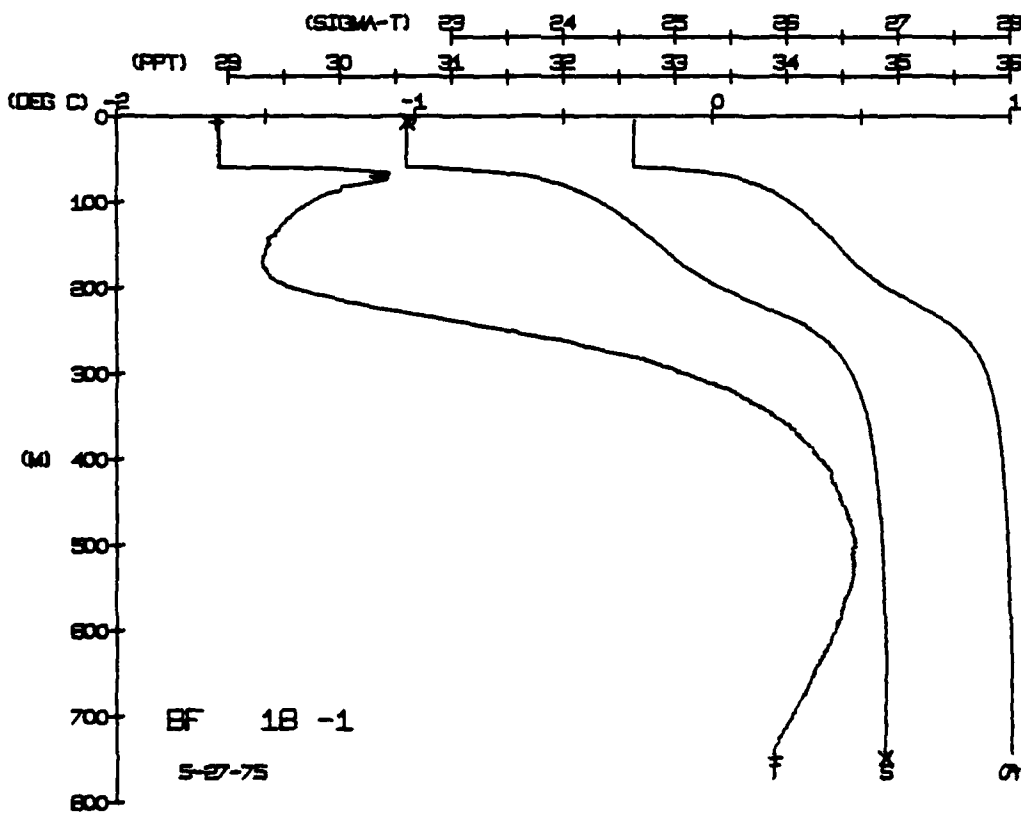
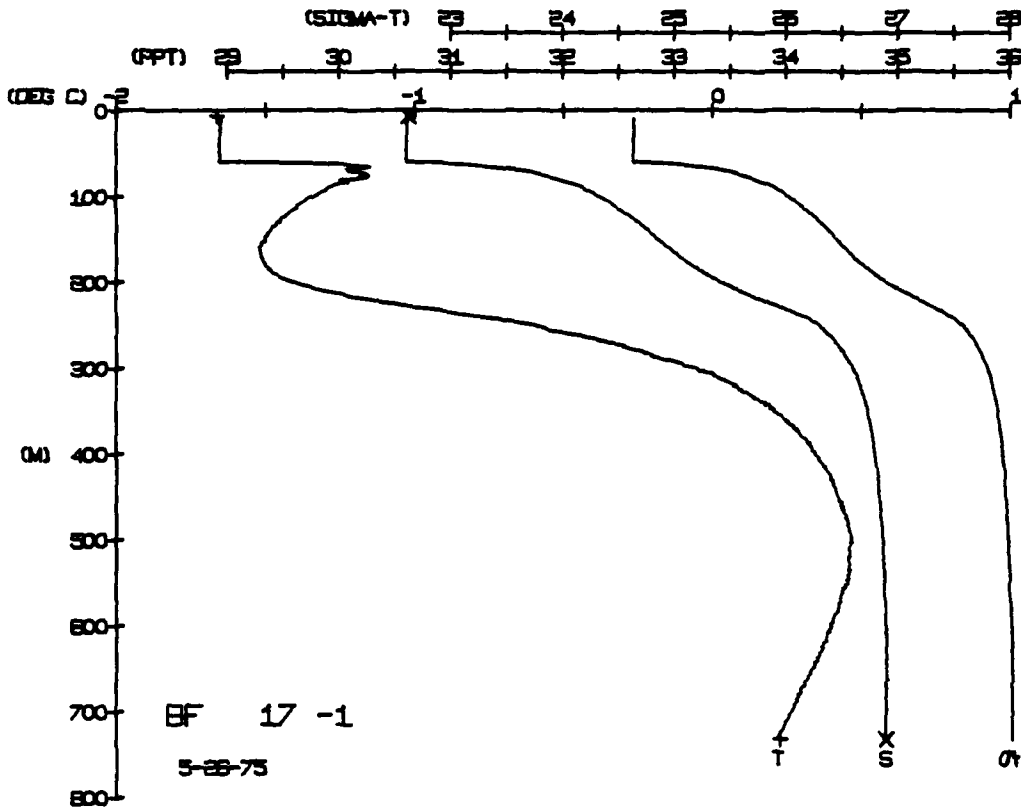
BLUE FOX STATION 14(1) CTD 23/MAY/1975 1800 GMT CODE = 1
 LAT = 76.9562N LNG = 143.3127W LTER = 60.0 UGER = 95
 AIR TEMP = -10.4 BAROM = 1021.5 WIND = 261.6 SPEED = 34.7

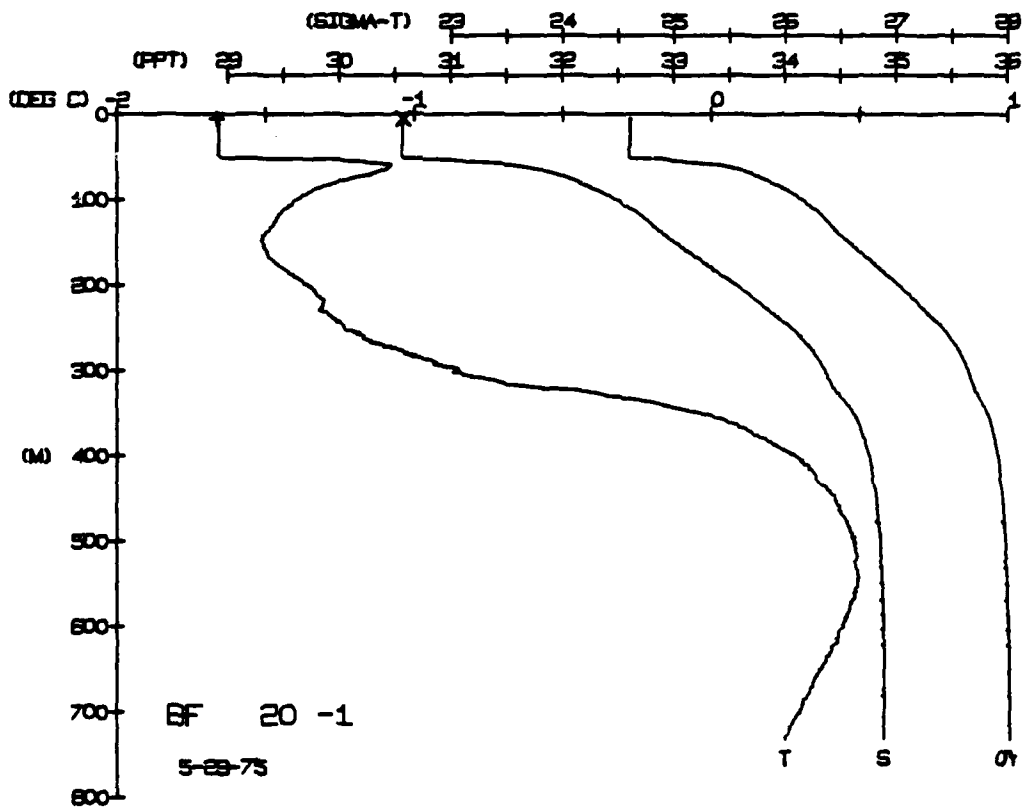
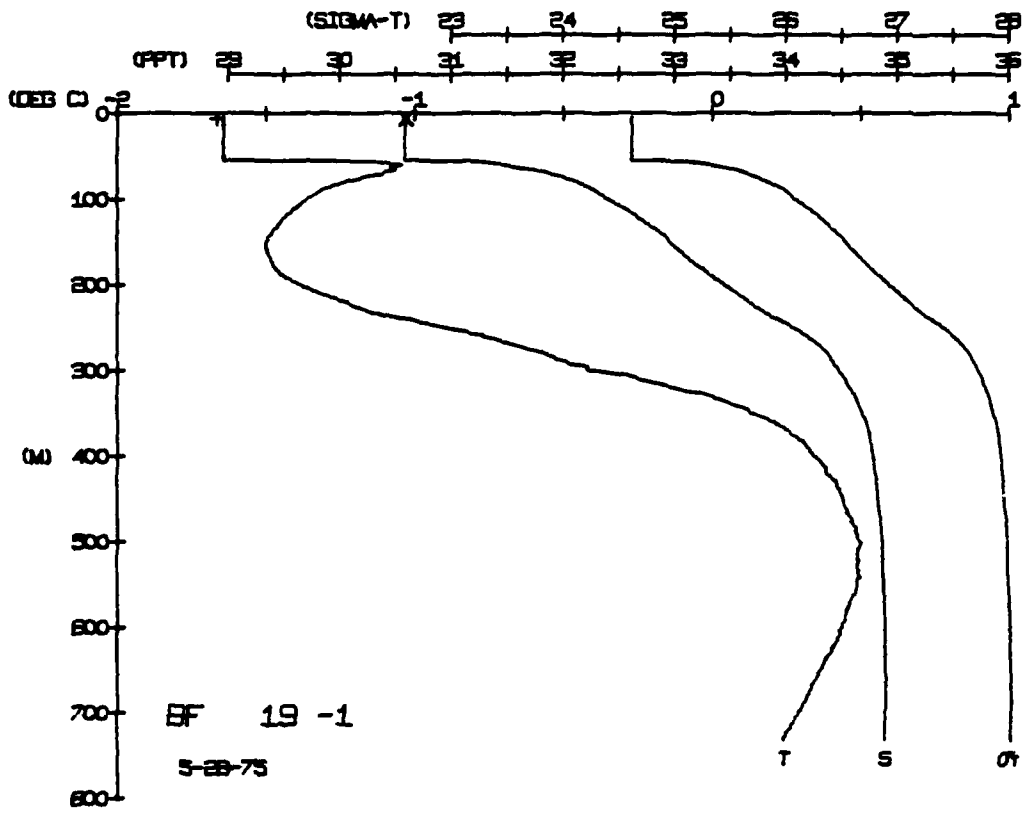
DEPTH	TEMP	SIG T	SPVUL	DYHMT	SOUND
0	56	24	5	000	331
5	56	24	5	000	331
10	56	24	5	000	331
15	56	24	5	000	331
20	56	24	5	000	331
25	56	24	5	000	331
30	56	24	5	000	331
35	56	24	5	000	331
40	56	24	5	000	331
45	56	24	5	000	331
50	56	24	5	000	331
55	56	24	5	000	331
60	56	24	5	000	331
65	56	24	5	000	331
70	56	24	5	000	331
75	56	24	5	000	331
80	56	24	5	000	331
85	56	24	5	000	331
90	56	24	5	000	331
95	56	24	5	000	331
100	56	24	5	000	331
105	56	24	5	000	331
110	56	24	5	000	331
115	56	24	5	000	331
120	56	24	5	000	331
125	56	24	5	000	331
130	56	24	5	000	331
135	56	24	5	000	331
140	56	24	5	000	331
145	56	24	5	000	331
150	56	24	5	000	331
155	56	24	5	000	331
160	56	24	5	000	331
165	56	24	5	000	331
170	56	24	5	000	331
175	56	24	5	000	331
180	56	24	5	000	331
185	56	24	5	000	331
190	56	24	5	000	331
195	56	24	5	000	331
200	56	24	5	000	331

DEPTH 6.0 TEMP -1.67 SALIN 30.61
 734.6 -0.23 34.89





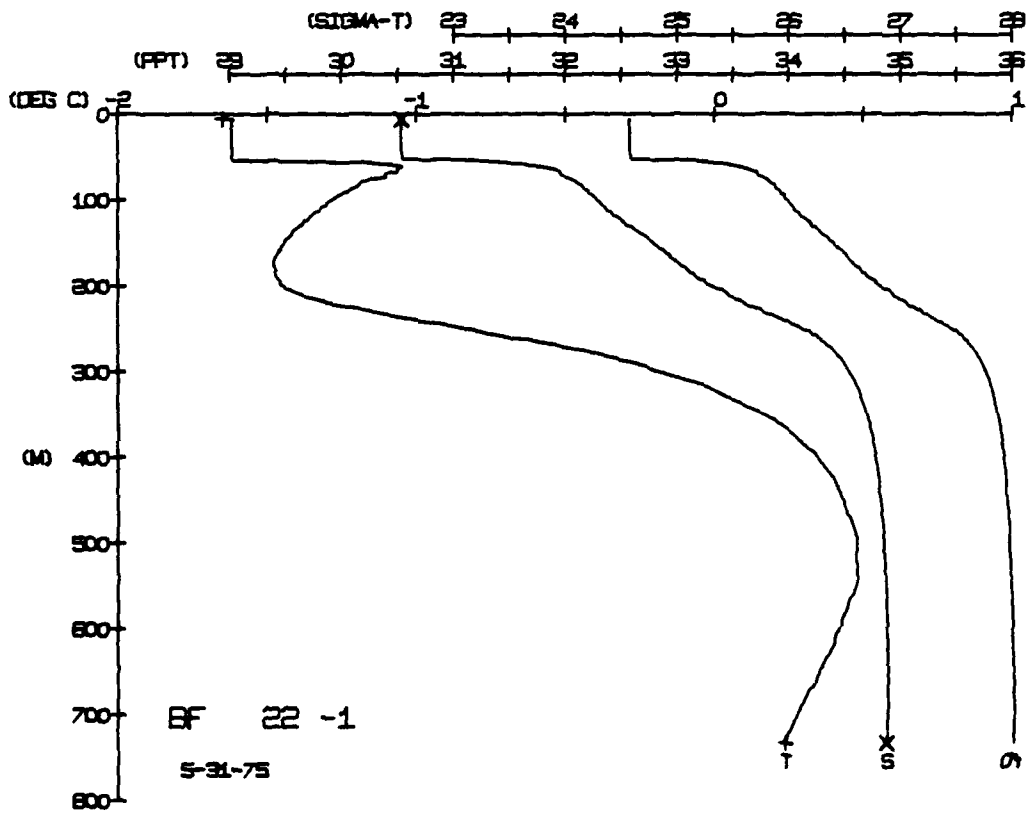
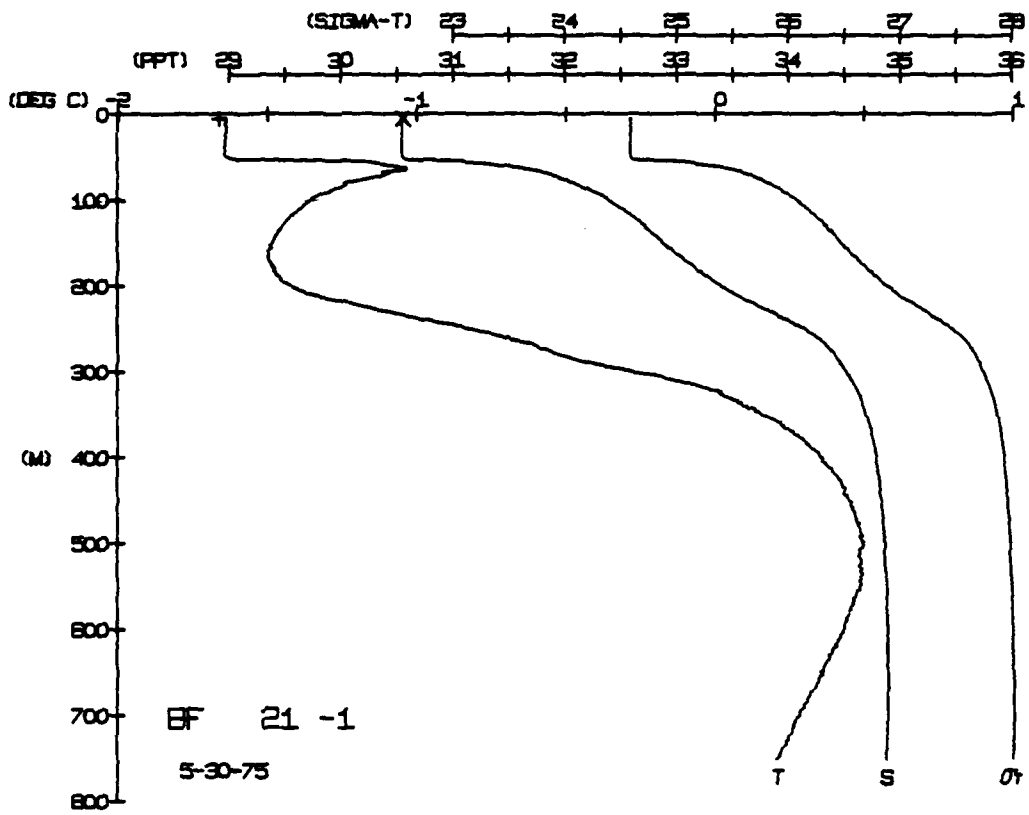


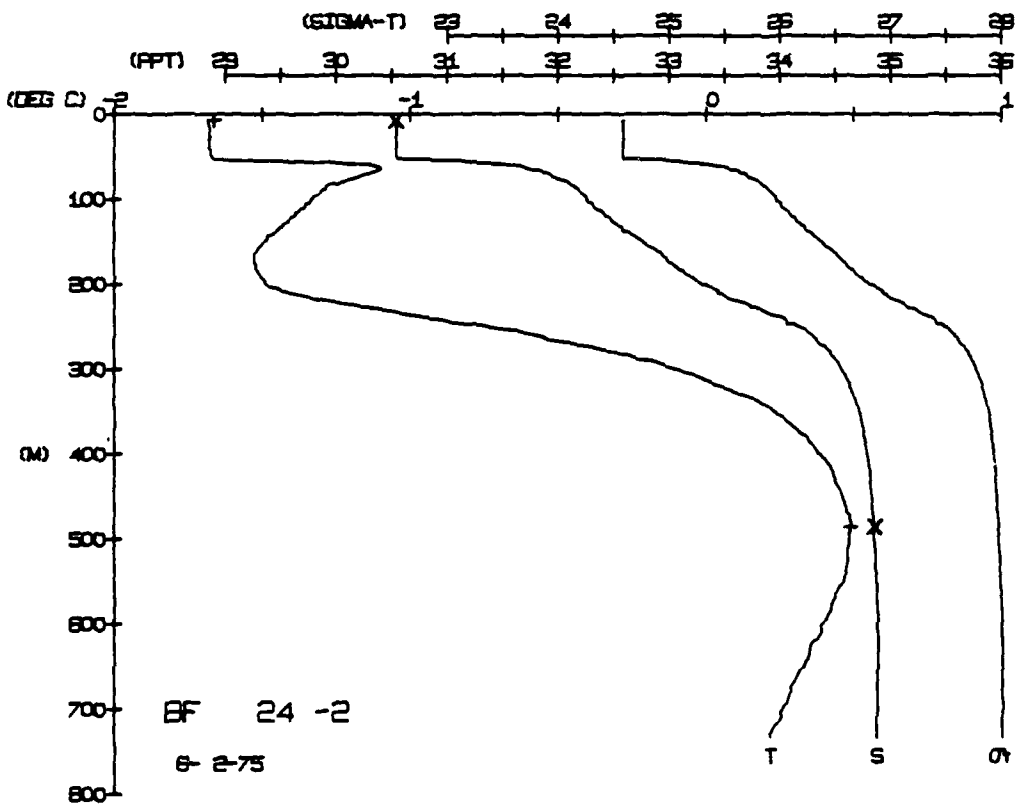
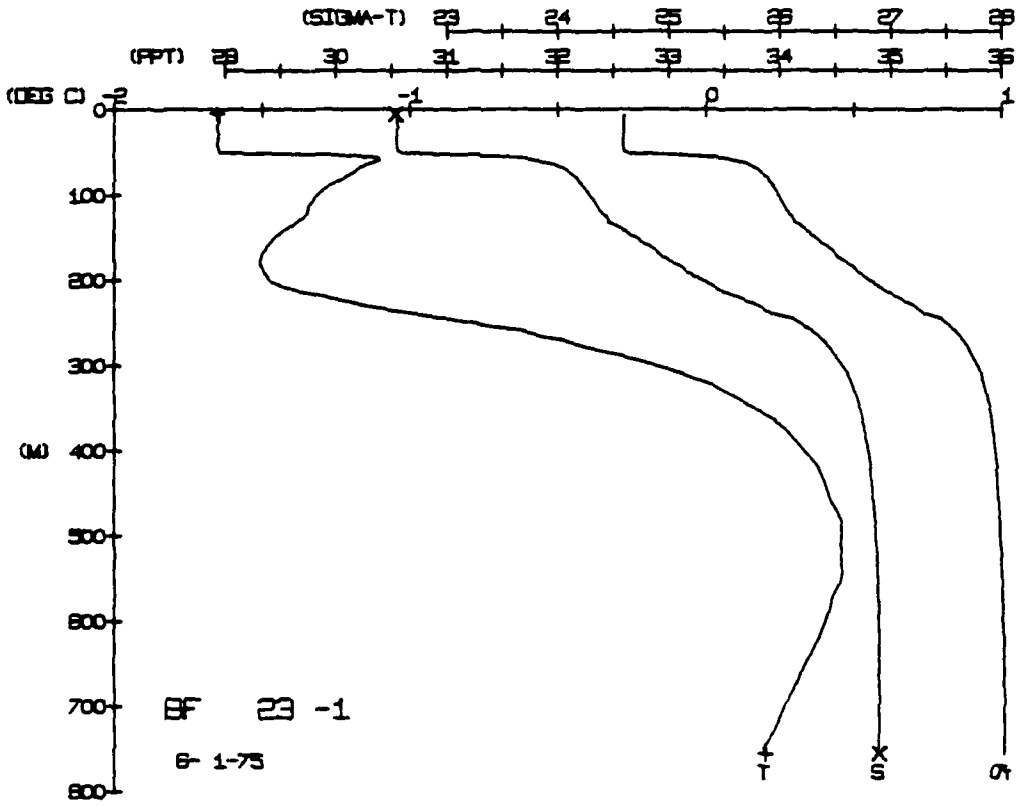


BLUE FOX STATION 21(1) CTD 30/MAY/1975 1806 GMT CODE = 3
 LAT = 77.0943N LNG = 14.7239W LTR = 1
 AIR TEMP = -6.3 BAROM = 1039.8 WIND = 94.7 SPEED = 70.5

BLUE FOX STATION 22(1) CTD 31/MAY/1975 1801 GMT CODE = 2
 LAT = 77.1055N LNG = 14.4809W LTR = 30
 AIR TEMP = -9.3 BAROM = 1037.9 WIND = 63.5 SPEED = 44.3

DEPTH	TEMP	PTEMP	SALIN	SIG T	SPVUL	DYNHT	SOUND
0	6.4	6.4	30.54	58	3.2	0.0	1435.3
5	6.4	6.4	30.54	58	3.6	0.0	1435.4
10	6.4	6.4	30.54	58	4.0	0.0	1435.5
15	6.4	6.4	30.54	58	4.5	0.0	1435.6
20	6.4	6.4	30.54	58	5.0	0.0	1435.7
25	6.4	6.4	30.54	58	5.5	0.0	1435.8
30	6.4	6.4	30.54	58	6.0	0.0	1435.9
35	6.4	6.4	30.54	58	6.5	0.0	1436.0
40	6.4	6.4	30.54	58	7.0	0.0	1436.1
45	6.4	6.4	30.54	58	7.5	0.0	1436.2
50	6.4	6.4	30.54	58	8.0	0.0	1436.3
55	6.4	6.4	30.54	58	8.5	0.0	1436.4
60	6.4	6.4	30.54	58	9.0	0.0	1436.5
65	6.4	6.4	30.54	58	9.5	0.0	1436.6
70	6.4	6.4	30.54	58	10.0	0.0	1436.7
75	6.4	6.4	30.54	58	10.5	0.0	1436.8
80	6.4	6.4	30.54	58	11.0	0.0	1436.9
85	6.4	6.4	30.54	58	11.5	0.0	1437.0
90	6.4	6.4	30.54	58	12.0	0.0	1437.1
95	6.4	6.4	30.54	58	12.5	0.0	1437.2
100	6.4	6.4	30.54	58	13.0	0.0	1437.3
105	6.4	6.4	30.54	58	13.5	0.0	1437.4
110	6.4	6.4	30.54	58	14.0	0.0	1437.5
115	6.4	6.4	30.54	58	14.5	0.0	1437.6
120	6.4	6.4	30.54	58	15.0	0.0	1437.7
125	6.4	6.4	30.54	58	15.5	0.0	1437.8
130	6.4	6.4	30.54	58	16.0	0.0	1437.9
135	6.4	6.4	30.54	58	16.5	0.0	1438.0
140	6.4	6.4	30.54	58	17.0	0.0	1438.1
145	6.4	6.4	30.54	58	17.5	0.0	1438.2
150	6.4	6.4	30.54	58	18.0	0.0	1438.3
155	6.4	6.4	30.54	58	18.5	0.0	1438.4
160	6.4	6.4	30.54	58	19.0	0.0	1438.5
165	6.4	6.4	30.54	58	19.5	0.0	1438.6
170	6.4	6.4	30.54	58	20.0	0.0	1438.7
175	6.4	6.4	30.54	58	20.5	0.0	1438.8
180	6.4	6.4	30.54	58	21.0	0.0	1438.9
185	6.4	6.4	30.54	58	21.5	0.0	1439.0
190	6.4	6.4	30.54	58	22.0	0.0	1439.1
195	6.4	6.4	30.54	58	22.5	0.0	1439.2
200	6.4	6.4	30.54	58	23.0	0.0	1439.3
205	6.4	6.4	30.54	58	23.5	0.0	1439.4
210	6.4	6.4	30.54	58	24.0	0.0	1439.5
215	6.4	6.4	30.54	58	24.5	0.0	1439.6
220	6.4	6.4	30.54	58	25.0	0.0	1439.7
225	6.4	6.4	30.54	58	25.5	0.0	1439.8
230	6.4	6.4	30.54	58	26.0	0.0	1439.9
235	6.4	6.4	30.54	58	26.5	0.0	1440.0
240	6.4	6.4	30.54	58	27.0	0.0	1440.1
245	6.4	6.4	30.54	58	27.5	0.0	1440.2
250	6.4	6.4	30.54	58	28.0	0.0	1440.3
255	6.4	6.4	30.54	58	28.5	0.0	1440.4
260	6.4	6.4	30.54	58	29.0	0.0	1440.5
265	6.4	6.4	30.54	58	29.5	0.0	1440.6
270	6.4	6.4	30.54	58	30.0	0.0	1440.7
275	6.4	6.4	30.54	58	30.5	0.0	1440.8
280	6.4	6.4	30.54	58	31.0	0.0	1440.9
285	6.4	6.4	30.54	58	31.5	0.0	1441.0
290	6.4	6.4	30.54	58	32.0	0.0	1441.1
295	6.4	6.4	30.54	58	32.5	0.0	1441.2
300	6.4	6.4	30.54	58	33.0	0.0	1441.3
305	6.4	6.4	30.54	58	33.5	0.0	1441.4
310	6.4	6.4	30.54	58	34.0	0.0	1441.5
315	6.4	6.4	30.54	58	34.5	0.0	1441.6
320	6.4	6.4	30.54	58	35.0	0.0	1441.7
325	6.4	6.4	30.54	58	35.5	0.0	1441.8
330	6.4	6.4	30.54	58	36.0	0.0	1441.9
335	6.4	6.4	30.54	58	36.5	0.0	1442.0
340	6.4	6.4	30.54	58	37.0	0.0	1442.1
345	6.4	6.4	30.54	58	37.5	0.0	1442.2
350	6.4	6.4	30.54	58	38.0	0.0	1442.3
355	6.4	6.4	30.54	58	38.5	0.0	1442.4
360	6.4	6.4	30.54	58	39.0	0.0	1442.5
365	6.4	6.4	30.54	58	39.5	0.0	1442.6
370	6.4	6.4	30.54	58	40.0	0.0	1442.7
375	6.4	6.4	30.54	58	40.5	0.0	1442.8
380	6.4	6.4	30.54	58	41.0	0.0	1442.9
385	6.4	6.4	30.54	58	41.5	0.0	1443.0
390	6.4	6.4	30.54	58	42.0	0.0	1443.1
395	6.4	6.4	30.54	58	42.5	0.0	1443.2
400	6.4	6.4	30.54	58	43.0	0.0	1443.3
405	6.4	6.4	30.54	58	43.5	0.0	1443.4
410	6.4	6.4	30.54	58	44.0	0.0	1443.5
415	6.4	6.4	30.54	58	44.5	0.0	1443.6
420	6.4	6.4	30.54	58	45.0	0.0	1443.7
425	6.4	6.4	30.54	58	45.5	0.0	1443.8
430	6.4	6.4	30.54	58	46.0	0.0	1443.9
435	6.4	6.4	30.54	58	46.5	0.0	1444.0
440	6.4	6.4	30.54	58	47.0	0.0	1444.1
445	6.4	6.4	30.54	58	47.5	0.0	1444.2
450	6.4	6.4	30.54	58	48.0	0.0	1444.3
455	6.4	6.4	30.54	58	48.5	0.0	1444.4
460	6.4	6.4	30.54	58	49.0	0.0	1444.5
465	6.4	6.4	30.54	58	49.5	0.0	1444.6
470	6.4	6.4	30.54	58	50.0	0.0	1444.7
475	6.4	6.4	30.54	58	50.5	0.0	1444.8
480	6.4	6.4	30.54	58	51.0	0.0	1444.9
485	6.4	6.4	30.54	58	51.5	0.0	1445.0
490	6.4	6.4	30.54	58	52.0	0.0	1445.1
495	6.4	6.4	30.54	58	52.5	0.0	1445.2
500	6.4	6.4	30.54	58	53.0	0.0	1445.3
505	6.4	6.4	30.54	58	53.5	0.0	1445.4
510	6.4	6.4	30.54	58	54.0	0.0	1445.5
515	6.4	6.4	30.54	58	54.5	0.0	1445.6
520	6.4	6.4	30.54	58	55.0	0.0	1445.7
525	6.4	6.4	30.54	58	55.5	0.0	1445.8
530	6.4	6.4	30.54	58	56.0	0.0	1445.9
535	6.4	6.4	30.54	58	56.5	0.0	1446.0
540	6.4	6.4	30.54	58	57.0	0.0	1446.1
545	6.4	6.4	30.54	58	57.5	0.0	1446.2
550	6.4	6.4	30.54	58	58.0	0.0	1446.3
555	6.4	6.4	30.54	58	58.5	0.0	1446.4
560	6.4	6.4	30.54	58	59.0	0.0	1446.5
565	6.4	6.4	30.54	58	59.5	0.0	1446.6
570	6.4	6.4	30.54	58	60.0	0.0	1446.7
575	6.4	6.4	30.54	58	60.5	0.0	1446.8
580	6.4	6.4	30.54	58	61.0	0.0	1446.9
585	6.4	6.4	30.54	58	61.5	0.0	1447.0
590	6.4	6.4	30.54	58	62.0	0.0	1447.1
595	6.4	6.4	30.54	58	62.5	0.0	1447.2
600	6.4	6.4	30.54	58	63.0	0.0	1447.3
605	6.4	6.4	30.54	58	63.5	0.0	1447.4
610	6.4	6.4	30.54	58	64.0	0.0	1447.5
615	6.4	6.4	30.54	58	64.5	0.0	1447.6
620	6.4	6.4	30.54	58	65.0	0.0	1447.7
625	6.4	6.4	30.54	58	65.5	0.0	1447.8
630	6.4	6.4	30.54	58	66.0	0.0	1447.9
635	6.4	6.4	30.54	58	66.5	0.0	1448.0
640	6.4	6.4	30.54	58	67.0	0.0	1448.1
645	6.4	6.4	30.54	58	67.5	0.0	1448.2
650	6.4	6.4	30.54	58	68.0	0.0	1448.3
655	6.4	6.4	30.54	58	68.5	0.0	1448.4
660	6.4	6.4	30.54	58	69.0	0.0	1448.5
665	6.4	6.4	30.54	58	69.5	0.0	1448.6
670	6.4	6.4	30.54	58	70.0	0.0	1448.7
675	6.4	6.4	30.54	58	70.5	0.0	1448.8
680	6.4	6.4	30.54	58	71.0	0.0	1448.9
685	6.4	6.4	30.54	58	71.5	0.0	1449.0
690	6.4	6.4	30.54	58	72.0	0.0	1449.1
695	6.4	6.4	30.54	58	72.5	0.0	1449.2
700	6.4	6.4	30.54	58	73.0	0.0	1449.3
705	6.4	6.4	30.54	58	73.5	0.0	1449.4
710	6.4	6.4	30.54	58	74.0	0.0	1449.5
715	6.4	6.4	30.54	58	74.5	0.0	1449.6
720	6.4	6.4	30.54	58	75.0	0.0	1449.7
725	6.4	6.4	30.54	58	75.5	0.0	1449.8
730	6.4	6.4	30.54	58	76.0	0.0	1449.9
735	6.4	6.4	30.54	58	76.5	0.0	1450.0
740	6.4	6.4	30.54	58	77.0	0.0	1450.1
745	6.4	6.4	30.54	58	77.5	0.0	1450.2
750	6.4	6.4	30.54	58	78.0	0.0	1450.3
755	6.4	6.4	30.54	58	78.5	0.0	1450.4
760	6.4	6.4	30.54	58	79.0	0.0	1450.5
765	6.4	6.4	30.54	58	79.5	0.0	1450.6
770	6.4	6.4	30.54	58	80.0	0.0	1450.7
775	6.4	6.4	30.54	58	80.5	0.0	1450.8
780	6.4	6.4	30.54	58	81.0	0.0	1450.9
785	6.4	6.4	30.54	58	81.5	0.0	1451.0
790	6.4	6.4	30.54	58	82.0	0.0	1451.1
795	6.4	6.4	30.54	58	82.5	0.0	1451.2
800	6.4	6.4	30.54	58	83.0	0.0	1451.3
805	6.4	6.4	30.54	58	83.5	0.0	1451.4
810	6.4	6.4	30.54</				



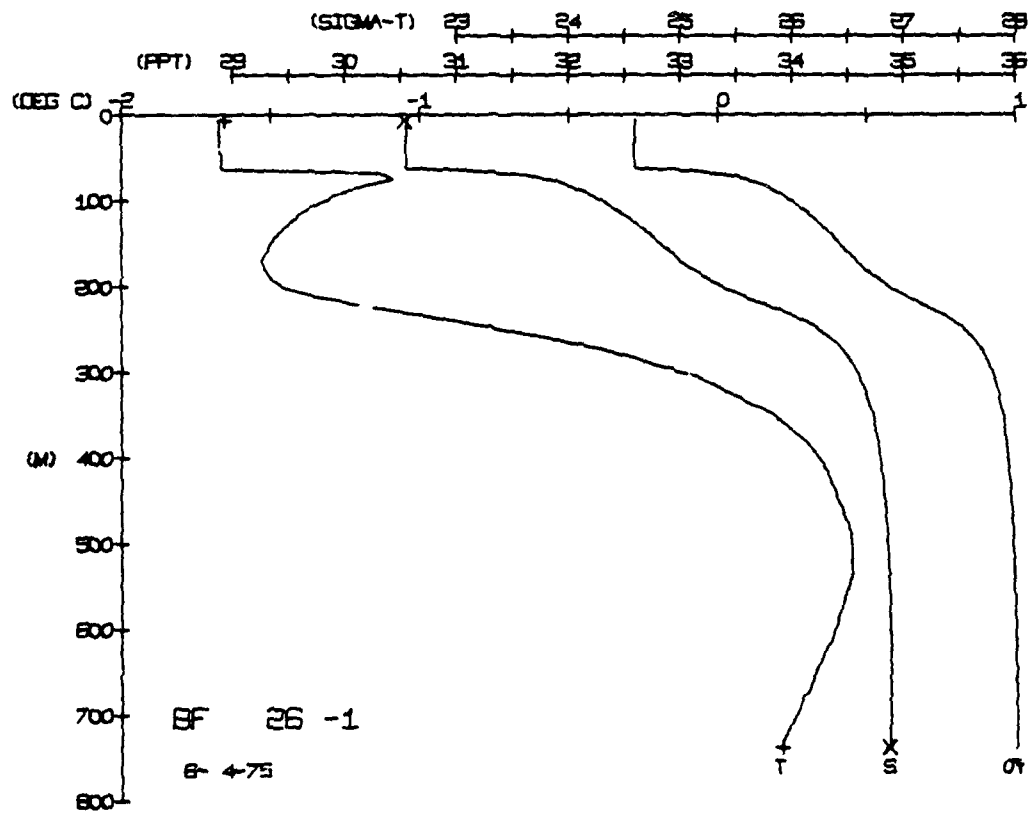
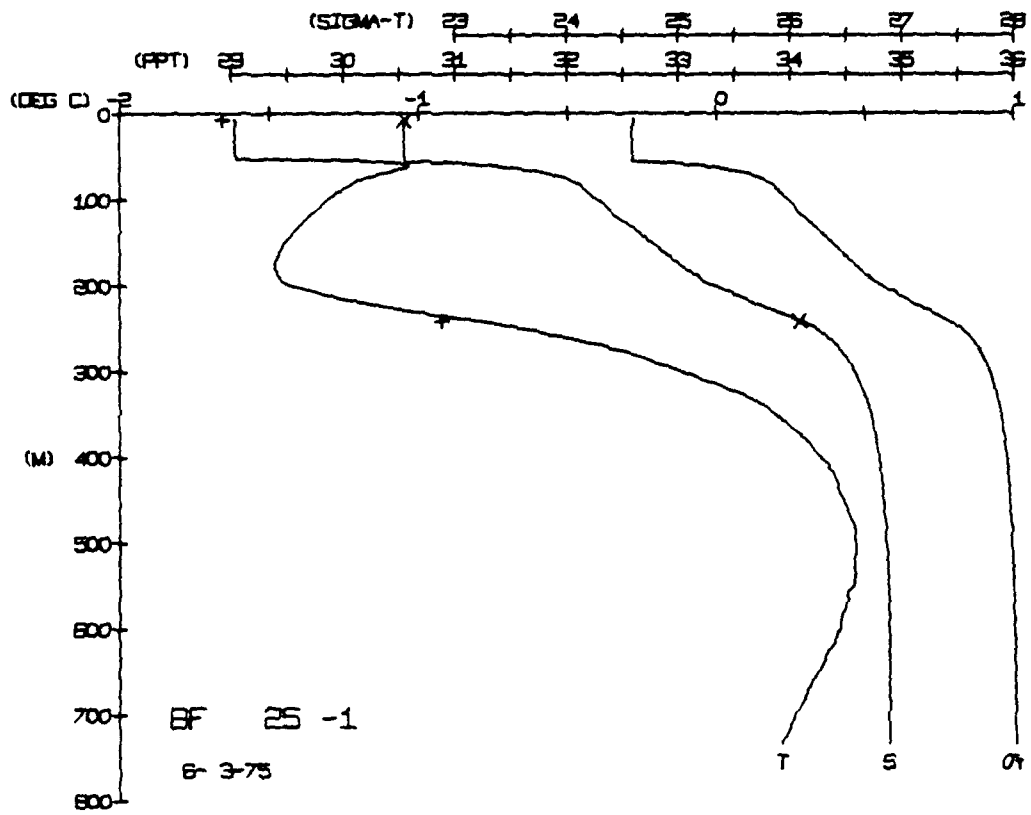


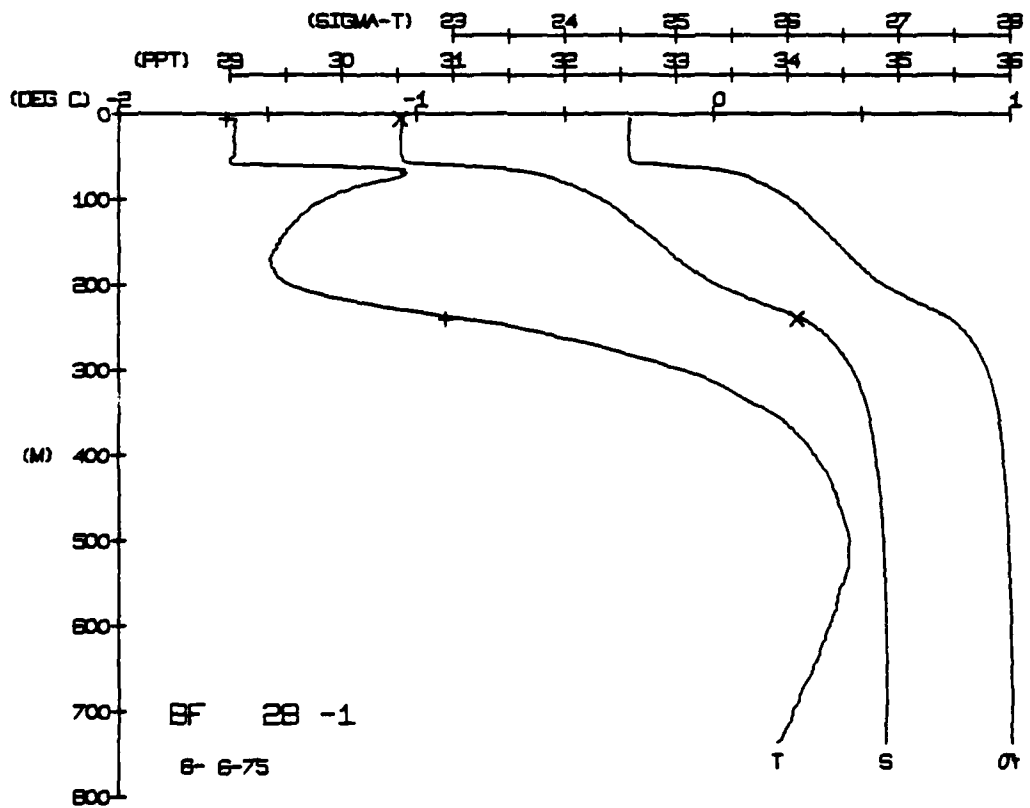
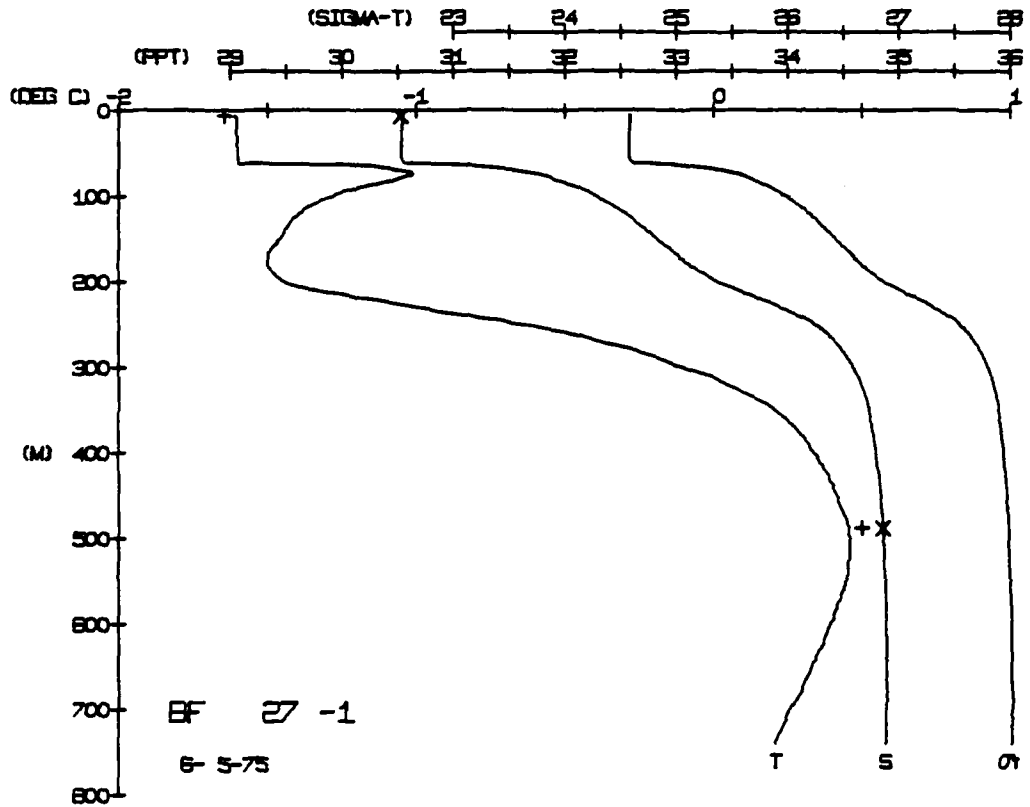
BLUE FOX STATION 25(1) CTD 3/JUN/1975 1813 GMT CUDE = 2
 LAT = 77.1162N LNC = 145.4456W LTR = 0. LGER = 0.2
 AIR TEMP = -9.0 BARUM = 1021.3 WIND = 24.9 SPEED = 28.0

DEPTH	TEMP	PTEMP	SALIN	SPVOL	SIG T	DYNHT	SOUND
0	61	61	30	55	59	00	435
5	61	61	30	55	59	00	435
10	61	61	30	55	59	00	435
15	61	61	30	55	59	00	435
20	61	61	30	55	59	00	435
25	61	61	30	55	59	00	435
30	61	61	30	55	59	00	435
35	61	61	30	55	59	00	435
40	61	61	30	55	59	00	435
45	61	61	30	55	59	00	435
50	61	61	30	55	59	00	435
55	61	61	30	55	59	00	435
60	61	61	30	55	59	00	435
65	61	61	30	55	59	00	435
70	61	61	30	55	59	00	435
75	61	61	30	55	59	00	435
80	61	61	30	55	59	00	435
85	61	61	30	55	59	00	435
90	61	61	30	55	59	00	435
95	61	61	30	55	59	00	435
100	61	61	30	55	59	00	435
105	61	61	30	55	59	00	435
110	61	61	30	55	59	00	435
115	61	61	30	55	59	00	435
120	61	61	30	55	59	00	435
125	61	61	30	55	59	00	435
130	61	61	30	55	59	00	435
135	61	61	30	55	59	00	435
140	61	61	30	55	59	00	435
145	61	61	30	55	59	00	435
150	61	61	30	55	59	00	435
155	61	61	30	55	59	00	435
160	61	61	30	55	59	00	435
165	61	61	30	55	59	00	435
170	61	61	30	55	59	00	435
175	61	61	30	55	59	00	435
180	61	61	30	55	59	00	435
185	61	61	30	55	59	00	435
190	61	61	30	55	59	00	435
195	61	61	30	55	59	00	435
200	61	61	30	55	59	00	435
205	61	61	30	55	59	00	435
210	61	61	30	55	59	00	435
215	61	61	30	55	59	00	435
220	61	61	30	55	59	00	435
225	61	61	30	55	59	00	435
230	61	61	30	55	59	00	435
235	61	61	30	55	59	00	435
240	61	61	30	55	59	00	435
245	61	61	30	55	59	00	435
250	61	61	30	55	59	00	435
255	61	61	30	55	59	00	435
260	61	61	30	55	59	00	435
265	61	61	30	55	59	00	435
270	61	61	30	55	59	00	435
275	61	61	30	55	59	00	435
280	61	61	30	55	59	00	435
285	61	61	30	55	59	00	435
290	61	61	30	55	59	00	435
295	61	61	30	55	59	00	435
300	61	61	30	55	59	00	435
305	61	61	30	55	59	00	435
310	61	61	30	55	59	00	435
315	61	61	30	55	59	00	435
320	61	61	30	55	59	00	435
325	61	61	30	55	59	00	435
330	61	61	30	55	59	00	435
335	61	61	30	55	59	00	435
340	61	61	30	55	59	00	435
345	61	61	30	55	59	00	435
350	61	61	30	55	59	00	435
355	61	61	30	55	59	00	435
360	61	61	30	55	59	00	435
365	61	61	30	55	59	00	435
370	61	61	30	55	59	00	435
375	61	61	30	55	59	00	435
380	61	61	30	55	59	00	435
385	61	61	30	55	59	00	435
390	61	61	30	55	59	00	435
395	61	61	30	55	59	00	435
400	61	61	30	55	59	00	435
405	61	61	30	55	59	00	435
410	61	61	30	55	59	00	435
415	61	61	30	55	59	00	435
420	61	61	30	55	59	00	435
425	61	61	30	55	59	00	435
430	61	61	30	55	59	00	435
435	61	61	30	55	59	00	435
440	61	61	30	55	59	00	435
445	61	61	30	55	59	00	435
450	61	61	30	55	59	00	435
455	61	61	30	55	59	00	435
460	61	61	30	55	59	00	435
465	61	61	30	55	59	00	435
470	61	61	30	55	59	00	435
475	61	61	30	55	59	00	435
480	61	61	30	55	59	00	435
485	61	61	30	55	59	00	435
490	61	61	30	55	59	00	435
495	61	61	30	55	59	00	435
500	61	61	30	55	59	00	435

BLUE FOX STATION 26(1) CTD 4/JUN/1975 1810 GMT CUDE = 2
 LAT = 77.1233N LNC = 145.7079W LTR = 2. LGER = 3.3
 AIR TEMP = -4.5 BARUM = 1018.7 WIND = 34.3 SPEED = 49.6

DEPTH	TEMP	PTEMP	SALIN	SPVOL	SIG T	DYNHT	SOUND
0	68	68	30	55	59	00	435
5	68	68	30	55	59	00	435
10	68	68	30	55	59	00	435
15	68	68	30	55	59	00	435
20	68	68	30	55	59	00	435
25	68	68	30	55	59	00	435
30	68	68	30	55	59	00	435
35	68	68	30	55	59	00	435
40	68	68	30	55	59	00	435
45	68	68	30	55	59	00	435
50	68	68	30	55	59	00	435
55	68	68	30	55	59	00	435
60	68	68	30	55	59	00	435
65	68	68	30	55	59	00	435
70	68	68	30	55	59	00	435
75	68	68	30	55	59	00	435
80	68	68	30	55	59	00	435
85	68	68	30	55	59	00	435
90	68	68	30	55	59	00	435
95	68	68	30	55	59	00	435
100	68	68	30	55	59	00	435
105	68	68	30	55	59	00	435
110	68	68	30	55	59	00	435
115	68	68	30	55	59	00	435
120	68	68	30	55	59	00	435
125	68	68	30	55	59	00	435
130	68	68	30	55	59	00	435
135	68	68	30	55	59	00	435
140	68	68	30	55	59	00	435
145	68	68	30	55	59	00	435
150	68	68	30	55	59	00	435
155	68	68	30	55	59	00	435
160	68	68	30	55	59	00	435
165	68	68	30	55	59	00	435
170	68	68	30	55	59	00	435
175	68	68	30	55	59	00	435
180	68	68	30	55	59	00	435
185	68	68	30	55	59	00	435
190	68	68	30	55	59	00	435
195	68	68	30	55	59	00	435
200	68	68	30	55	59	00	435
205	68	68	30	55	59	00	435
210	68	68	30	55	59	00	435
215	68	68	30	55	59	00	435
220	68	68	30	55	59	00	435
225	68	68	30	55	59	00	435
230	68	68	30	55	59	00	435
235	68	68	30	55	59	00	435
240	68	68	30	55	59	00	435
245	68	68	30	55	59	00	435
250	68	68	30	55	59	00	435
255	68	68	30	55	59	00	435
260	68	68	30	55	59	00	435
265	68	68	30	55	59	00	435
270	68	68	30	55	59	00	435
275	68	68	30	55	59	00	435
280	68	68	30	55	59	00	435
285	68	68	30	55	59	00	435
290	68	68	30	55	59	00	435
295	68	68	30	55	59	00	435
300	68	68	30	55	59	00	435
305	68	68	30	55	59	00	435
310	68	68	30	55	59	00	435
315	68	68	30	55	59	00	435
320	68	68	30	55	59	00	435
325	68	68	30	55	59	00	435
330	68	68	30	55	59	00	435
335	68	68	30	55	59	00	435
340	68	68	30	55	59	00	435
345	68	68	30	55	59	00	435
350	68	68	30	55	59	00	435
355	68	68	30	55	59	00	435
360	68	68	30	55	59	00	435
365	68	68	30	55	59	00	435
370	68	68	30	55	59	00	435
375	68	68	30	55	59	00	435
380	68	68	30	55	59	00	435
385	68	68	30	55	59	00	435
390	68	68	30	55	59	00	435
395	68	68	30	55	59	00	435
400	68	68	30	55	59	00	435
405	68	68	30	55	59	00	435
410	68	68	30	55	59	00	435
415	68	68	30	55	59	00	435
420	68	68	30	55	59	00	435
425	68	68	30	55	59	00	435
430	68	68	30	55	59	00	435
435	68	68	30	55	59	00	





BLUE FOX STATION 29(2) CTD 7/JUN/1975 1805 GMT CODE 5 2
 LAT = 77.0250N LMG = 146.3145W UGER = 11.5 UGER = 33.8
 AIR TEMP = 0.0 BARUM = 1020.2 WIND = 23.5 SPEED = 52.8

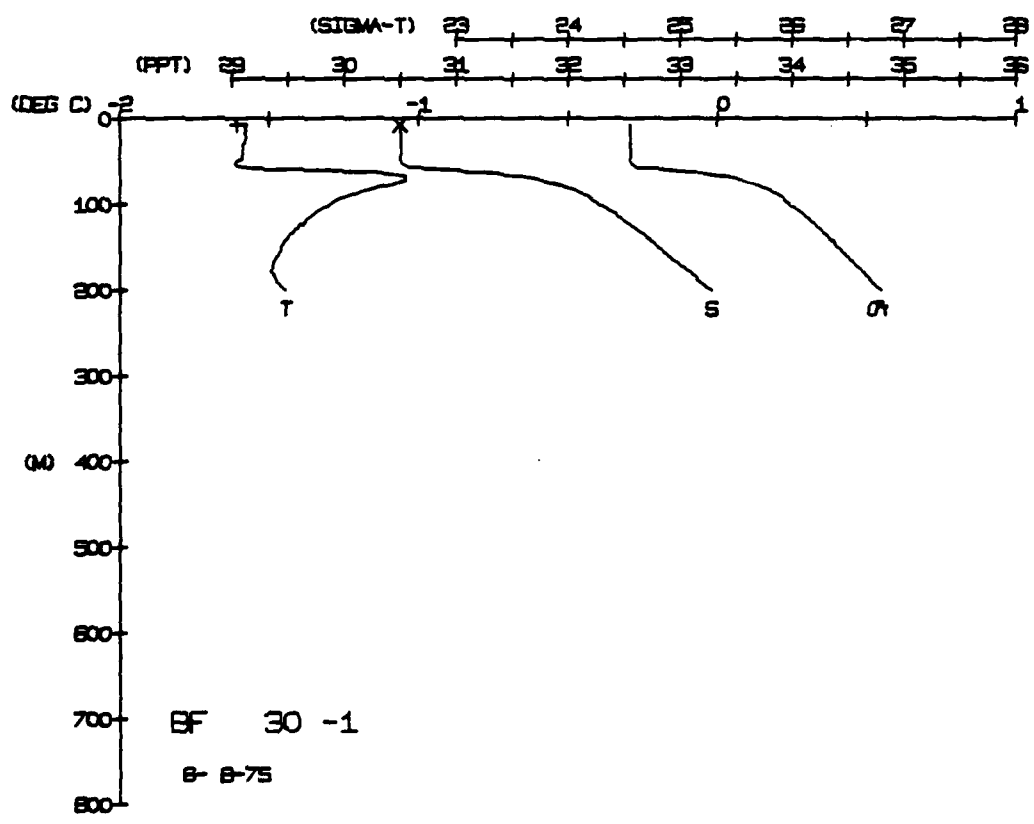
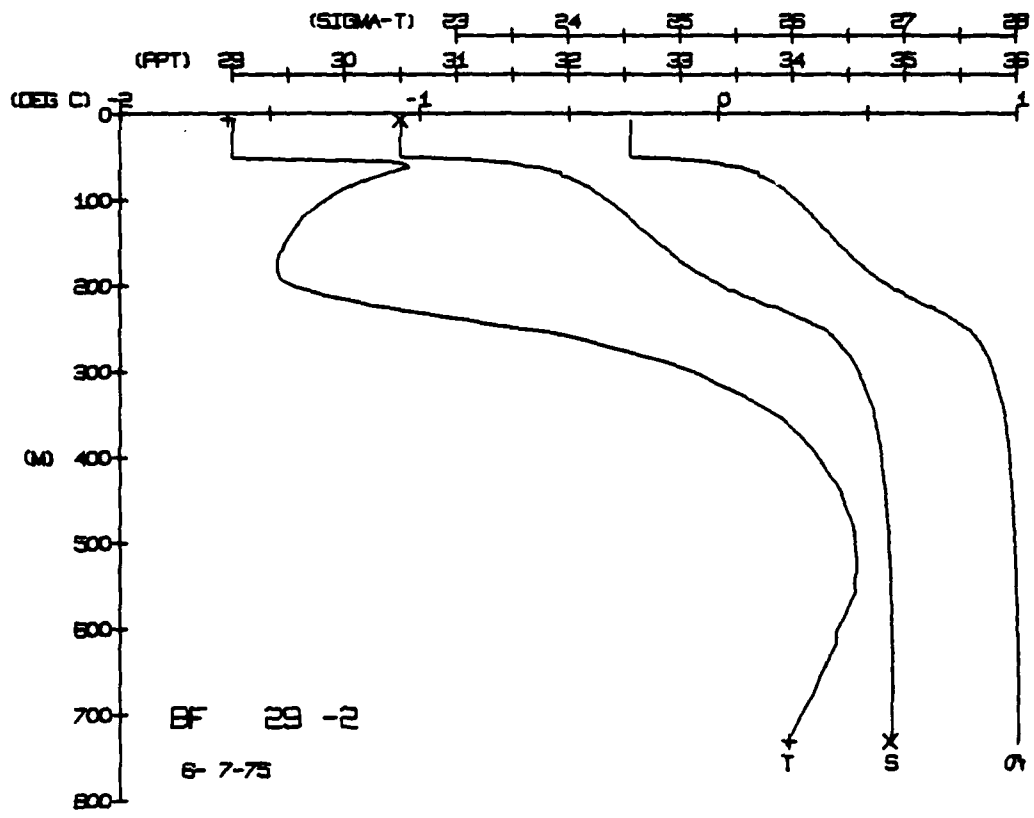
DEPTH	TEMP	PTEMP	SALIN	SIG T	SPV/L	DYNHT	SOUND
0	0	0	30	5	339	000	1435.6
5	0	0	30	5	339	000	1435.7
10	0	0	30	5	339	000	1435.8
15	0	0	30	5	339	000	1435.9
20	0	0	30	5	339	000	1436.0
25	0	0	30	5	339	000	1436.1
30	0	0	30	5	339	000	1436.2
35	0	0	30	5	339	000	1436.3
40	0	0	30	5	339	000	1436.4
45	0	0	30	5	339	000	1436.5
50	0	0	30	5	339	000	1436.6
55	0	0	30	5	339	000	1436.7
60	0	0	30	5	339	000	1436.8
65	0	0	30	5	339	000	1436.9
70	0	0	30	5	339	000	1437.0
75	0	0	30	5	339	000	1437.1
80	0	0	30	5	339	000	1437.2
85	0	0	30	5	339	000	1437.3
90	0	0	30	5	339	000	1437.4
95	0	0	30	5	339	000	1437.5
100	0	0	30	5	339	000	1437.6
105	0	0	30	5	339	000	1437.7
110	0	0	30	5	339	000	1437.8
115	0	0	30	5	339	000	1437.9
120	0	0	30	5	339	000	1438.0
125	0	0	30	5	339	000	1438.1
130	0	0	30	5	339	000	1438.2
135	0	0	30	5	339	000	1438.3
140	0	0	30	5	339	000	1438.4
145	0	0	30	5	339	000	1438.5
150	0	0	30	5	339	000	1438.6
155	0	0	30	5	339	000	1438.7
160	0	0	30	5	339	000	1438.8
165	0	0	30	5	339	000	1438.9
170	0	0	30	5	339	000	1439.0
175	0	0	30	5	339	000	1439.1
180	0	0	30	5	339	000	1439.2
185	0	0	30	5	339	000	1439.3
190	0	0	30	5	339	000	1439.4
195	0	0	30	5	339	000	1439.5
200	0	0	30	5	339	000	1439.6

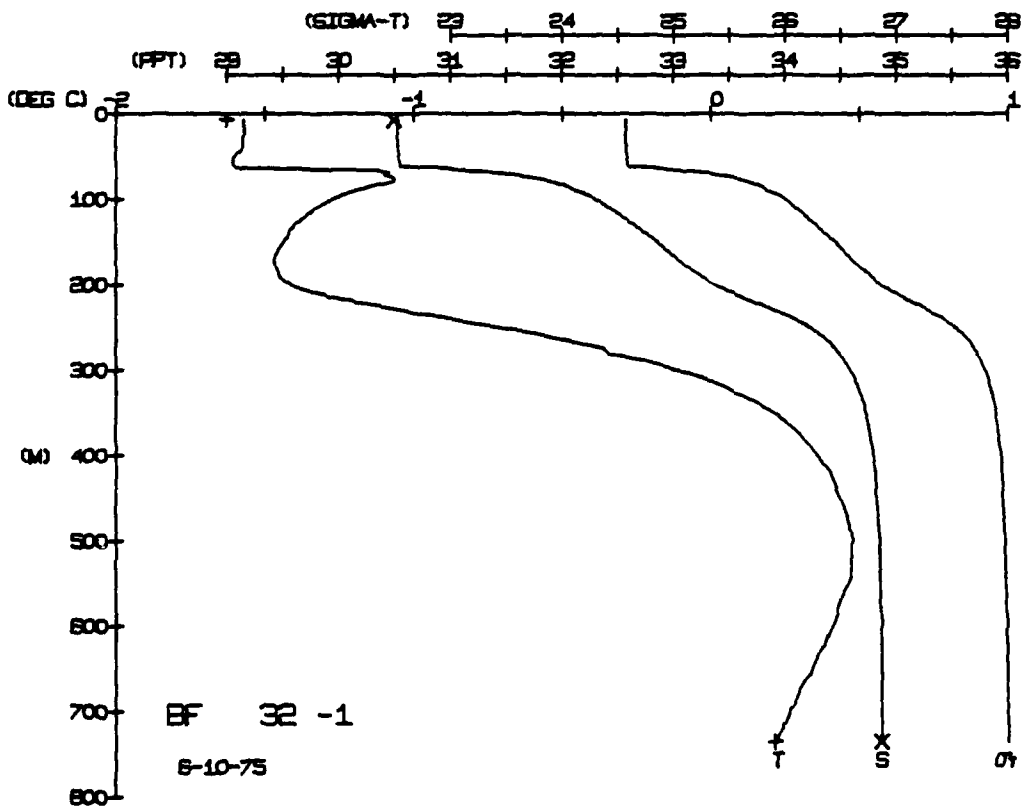
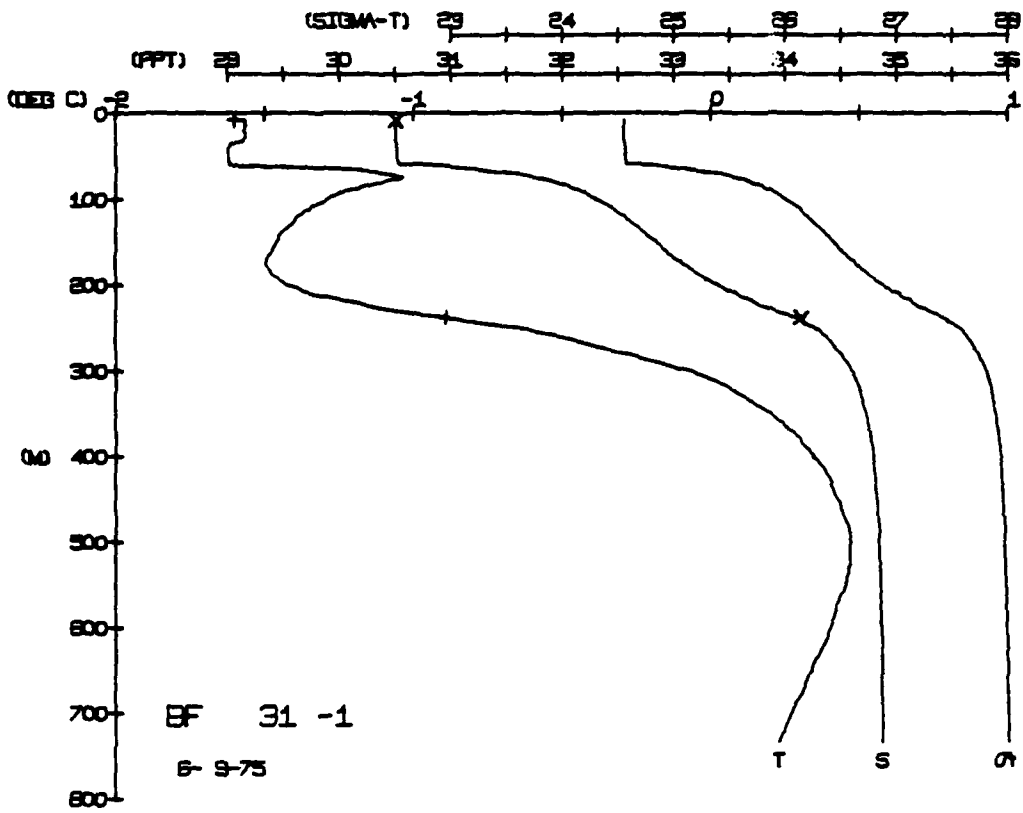
BOT NUM = 1
 HOT NUM = 2
 DEPTH = 6.3
 730.5
 TEMP. -1.54
 0.24
 SALIN 30.50
 34.88

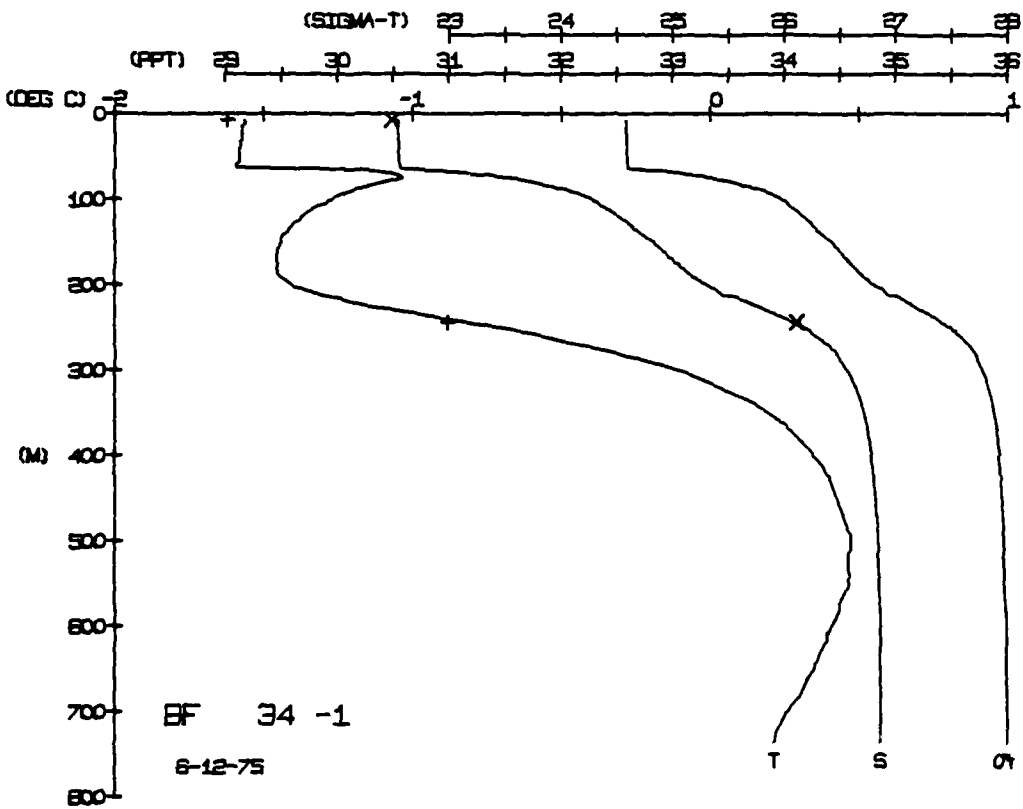
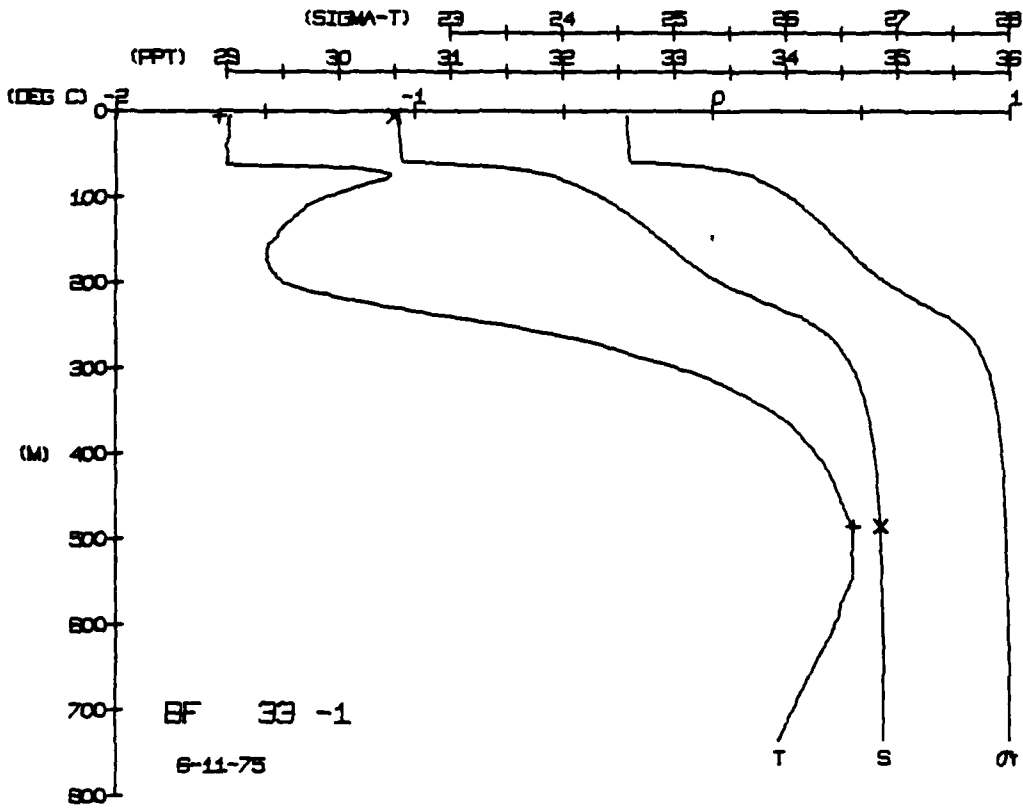
BLUE FOX STATION 30(1) CTD 8/JUN/1975 1800 GMT CODE = 2
 LAT = 76.9653N LMG = 146.4042W UGER = 0.0 UGER = 1.1
 AIR TEMP = -0.7 BARUM = 1022.6 WIND = 323.7 SPEED = 48.7

DEPTH	TEMP	PTEMP	SALIN	SIG T	SPV/L	DYNHT	SOUND
0	0	0	30	5	339	000	1435.6
5	0	0	30	5	339	000	1435.7
10	0	0	30	5	339	000	1435.8
15	0	0	30	5	339	000	1435.9
20	0	0	30	5	339	000	1436.0
25	0	0	30	5	339	000	1436.1
30	0	0	30	5	339	000	1436.2
35	0	0	30	5	339	000	1436.3
40	0	0	30	5	339	000	1436.4
45	0	0	30	5	339	000	1436.5
50	0	0	30	5	339	000	1436.6
55	0	0	30	5	339	000	1436.7
60	0	0	30	5	339	000	1436.8
65	0	0	30	5	339	000	1436.9
70	0	0	30	5	339	000	1437.0
75	0	0	30	5	339	000	1437.1
80	0	0	30	5	339	000	1437.2
85	0	0	30	5	339	000	1437.3
90	0	0	30	5	339	000	1437.4
95	0	0	30	5	339	000	1437.5
100	0	0	30	5	339	000	1437.6
105	0	0	30	5	339	000	1437.7
110	0	0	30	5	339	000	1437.8
115	0	0	30	5	339	000	1437.9
120	0	0	30	5	339	000	1438.0
125	0	0	30	5	339	000	1438.1
130	0	0	30	5	339	000	1438.2
135	0	0	30	5	339	000	1438.3
140	0	0	30	5	339	000	1438.4
145	0	0	30	5	339	000	1438.5
150	0	0	30	5	339	000	1438.6
155	0	0	30	5	339	000	1438.7
160	0	0	30	5	339	000	1438.8
165	0	0	30	5	339	000	1438.9
170	0	0	30	5	339	000	1439.0
175	0	0	30	5	339	000	1439.1
180	0	0	30	5	339	000	1439.2
185	0	0	30	5	339	000	1439.3
190	0	0	30	5	339	000	1439.4
195	0	0	30	5	339	000	1439.5
200	0	0	30	5	339	000	1439.6

BOT NUM = 1
 HOT NUM = 2
 DEPTH = 6.1
 486.0
 TEMP. -1.51
 0.96
 SALIN 30.50
 34.86







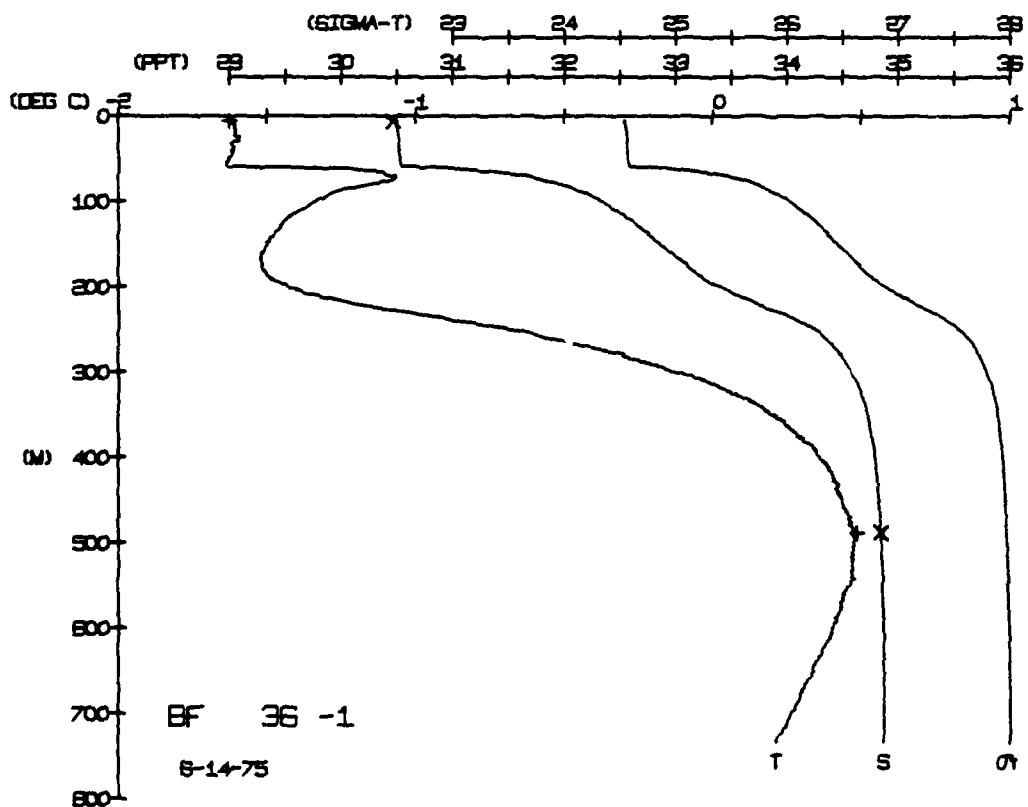
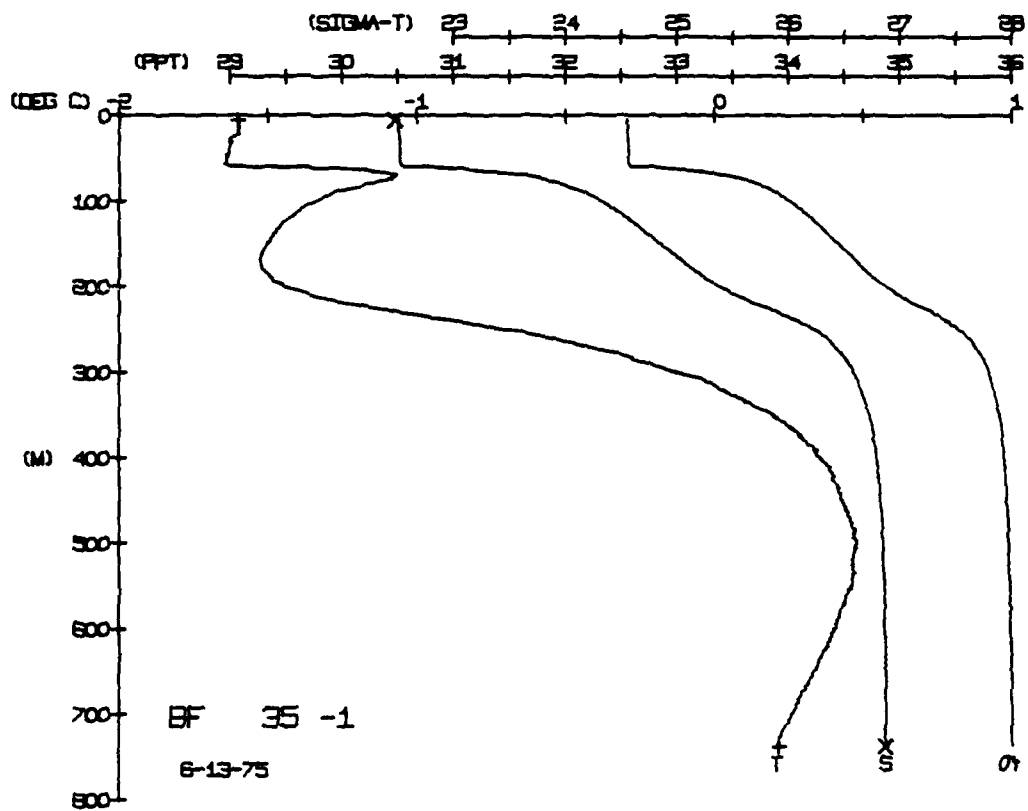
BLUE FOX STATION 35(1) CTU 13/JUN/1975 1811 GMT CODE = 1
LAT = 76.8008N LNG = 146.2325W LTER = 0
AIR TEMP = -1.2 BAROM = 1014.3 WIND = 348.5 SPEED = 34.6

DEPTH	TEMP	PTEMP	SALIN	SIG T	SPVUL	DYHHT	SOUND
0	60	60	30	55	33	0	45509
5	60	60	30	55	33	0	45509
10	60	60	30	55	33	0	45509
15	60	60	30	55	33	0	45509
20	60	60	30	55	33	0	45509
25	60	60	30	55	33	0	45509
30	60	60	30	55	33	0	45509
35	60	60	30	55	33	0	45509
40	60	60	30	55	33	0	45509
45	60	60	30	55	33	0	45509
50	60	60	30	55	33	0	45509
55	60	60	30	55	33	0	45509
60	60	60	30	55	33	0	45509
65	60	60	30	55	33	0	45509
70	60	60	30	55	33	0	45509
75	60	60	30	55	33	0	45509
80	60	60	30	55	33	0	45509
85	60	60	30	55	33	0	45509
90	60	60	30	55	33	0	45509
95	60	60	30	55	33	0	45509
100	60	60	30	55	33	0	45509
105	60	60	30	55	33	0	45509
110	60	60	30	55	33	0	45509
115	60	60	30	55	33	0	45509
120	60	60	30	55	33	0	45509
125	60	60	30	55	33	0	45509
130	60	60	30	55	33	0	45509
135	60	60	30	55	33	0	45509
140	60	60	30	55	33	0	45509
145	60	60	30	55	33	0	45509
150	60	60	30	55	33	0	45509
155	60	60	30	55	33	0	45509
160	60	60	30	55	33	0	45509
165	60	60	30	55	33	0	45509
170	60	60	30	55	33	0	45509
175	60	60	30	55	33	0	45509
180	60	60	30	55	33	0	45509
185	60	60	30	55	33	0	45509
190	60	60	30	55	33	0	45509
195	60	60	30	55	33	0	45509
200	60	60	30	55	33	0	45509
205	60	60	30	55	33	0	45509
210	60	60	30	55	33	0	45509
215	60	60	30	55	33	0	45509
220	60	60	30	55	33	0	45509
225	60	60	30	55	33	0	45509
230	60	60	30	55	33	0	45509
235	60	60	30	55	33	0	45509
240	60	60	30	55	33	0	45509
245	60	60	30	55	33	0	45509
250	60	60	30	55	33	0	45509
255	60	60	30	55	33	0	45509
260	60	60	30	55	33	0	45509
265	60	60	30	55	33	0	45509
270	60	60	30	55	33	0	45509
275	60	60	30	55	33	0	45509
280	60	60	30	55	33	0	45509
285	60	60	30	55	33	0	45509
290	60	60	30	55	33	0	45509
295	60	60	30	55	33	0	45509
300	60	60	30	55	33	0	45509
305	60	60	30	55	33	0	45509
310	60	60	30	55	33	0	45509
315	60	60	30	55	33	0	45509
320	60	60	30	55	33	0	45509
325	60	60	30	55	33	0	45509
330	60	60	30	55	33	0	45509
335	60	60	30	55	33	0	45509
340	60	60	30	55	33	0	45509
345	60	60	30	55	33	0	45509
350	60	60	30	55	33	0	45509
355	60	60	30	55	33	0	45509
360	60	60	30	55	33	0	45509
365	60	60	30	55	33	0	45509
370	60	60	30	55	33	0	45509
375	60	60	30	55	33	0	45509
380	60	60	30	55	33	0	45509
385	60	60	30	55	33	0	45509
390	60	60	30	55	33	0	45509
395	60	60	30	55	33	0	45509
400	60	60	30	55	33	0	45509
405	60	60	30	55	33	0	45509
410	60	60	30	55	33	0	45509
415	60	60	30	55	33	0	45509
420	60	60	30	55	33	0	45509
425	60	60	30	55	33	0	45509
430	60	60	30	55	33	0	45509
435	60	60	30	55	33	0	45509
440	60	60	30	55	33	0	45509
445	60	60	30	55	33	0	45509
450	60	60	30	55	33	0	45509
455	60	60	30	55	33	0	45509
460	60	60	30	55	33	0	45509
465	60	60	30	55	33	0	45509
470	60	60	30	55	33	0	45509
475	60	60	30	55	33	0	45509
480	60	60	30	55	33	0	45509
485	60	60	30	55	33	0	45509
490	60	60	30	55	33	0	45509
495	60	60	30	55	33	0	45509
500	60	60	30	55	33	0	45509
505	60	60	30	55	33	0	45509
510	60	60	30	55	33	0	45509
515	60	60	30	55	33	0	45509
520	60	60	30	55	33	0	45509
525	60	60	30	55	33	0	45509
530	60	60	30	55	33	0	45509
535	60	60	30	55	33	0	45509
540	60	60	30	55	33	0	45509
545	60	60	30	55	33	0	45509
550	60	60	30	55	33	0	45509
555	60	60	30	55	33	0	45509
560	60	60	30	55	33	0	45509
565	60	60	30	55	33	0	45509
570	60	60	30	55	33	0	45509
575	60	60	30	55	33	0	45509
580	60	60	30	55	33	0	45509
585	60	60	30	55	33	0	45509
590	60	60	30	55	33	0	45509
595	60	60	30	55	33	0	45509
600	60	60	30	55	33	0	45509
605	60	60	30	55	33	0	45509
610	60	60	30	55	33	0	45509
615	60	60	30	55	33	0	45509
620	60	60	30	55	33	0	45509
625	60	60	30	55	33	0	45509
630	60	60	30	55	33	0	45509
635	60	60	30	55	33	0	45509
640	60	60	30	55	33	0	45509
645	60	60	30	55	33	0	45509
650	60	60	30	55	33	0	45509
655	60	60	30	55	33	0	45509
660	60	60	30	55	33	0	45509
665	60	60	30	55	33	0	45509
670	60	60	30	55	33	0	45509
675	60	60	30	55	33	0	45509
680	60	60	30	55	33	0	45509
685	60	60	30	55	33	0	45509
690	60	60	30	55	33	0	45509
695	60	60	30	55	33	0	45509
700	60	60	30	55	33	0	45509
705	60	60	30	55	33	0	45509
710	60	60	30	55	33	0	45509
715	60	60	30	55	33	0	45509
720	60	60	30	55	33	0	45509
725	60	60	30	55	33	0	45509
730	60	60	30	55	33	0	45509

DEPTH 5.4
TEMP -1.60
SALIN 30.47
ROT NUM = 1
ROT NUM = 2

BLUE FOX STATION 36(1) CTU 14/JUN/1975 1800 GMT CODE = 1
LAT = 76.7956N LNG = 146.2647W LTER = 0
AIR TEMP = -1.7 BAROM = 1018.0 WIND = 131.6 SPEED = 36.6

DEPTH	TEMP	PTEMP	SALIN	SIG T	SPVUL	DYHHT	SOUND
0	62	62	30	55	33	0	44444
5	62	62	30	55	33	0	44444
10	62	62	30	55	33	0	44444
15	62	62	30	55	33	0	44444
20	62	62	30	55	33	0	44444
25	62	62	30	55	33	0	44444
30	62	62	30	55	33	0	44444
35	62	62	30	55	33	0	44444
40	62	62	30	55	33	0	44444
45	62	62	30	55	33	0	44444
50	62	62	30	55	33	0	44444
55	62	62	30	55	33	0	44444
60	62	62	30	55	33	0	44444
65	62	62	30	55	33	0	44444
70	62	62	30	55	33	0	44444
75	62	62	30	55	33	0	44444
80	62	62	30	55	33	0	44444
85	62	62	30	55	33	0	44444
90	62	62	30	55	33	0	44444
95	62	62	30	55	33	0	44444
100	62	62	30	55	33	0	44444
105	62	62	30	55	33	0	44444
110	62	62	30	55	33	0	44444
115	62	62	30	55	33	0	44444
120	62	62	30	55	33	0	44444
125	62	62	30	55	33	0	44444
130	62	62	30	55	33	0	44444
135	62	62	30	55	33	0	44444
140	62	62	30	55	33	0	44444
145	62	62	30	55	33	0	44444
150	62	62	30	55	33	0	44444
155	62	62	30	55	33	0	44444
160	62	62	30	55	33	0	44444
165	62	62	30	55	33	0	44444
170	62	62	30	55	33	0	44444
175	62	62	30	55	33	0	44444
180	62	62	30	55	33	0	44444
185	62	62	30	55	33	0	44444
190	62	62	30	55	33	0	44444
195	62	62	30	55	33	0	44444
200	62	62	30	55	33	0	44444
205	62	62	30	55	33	0</	

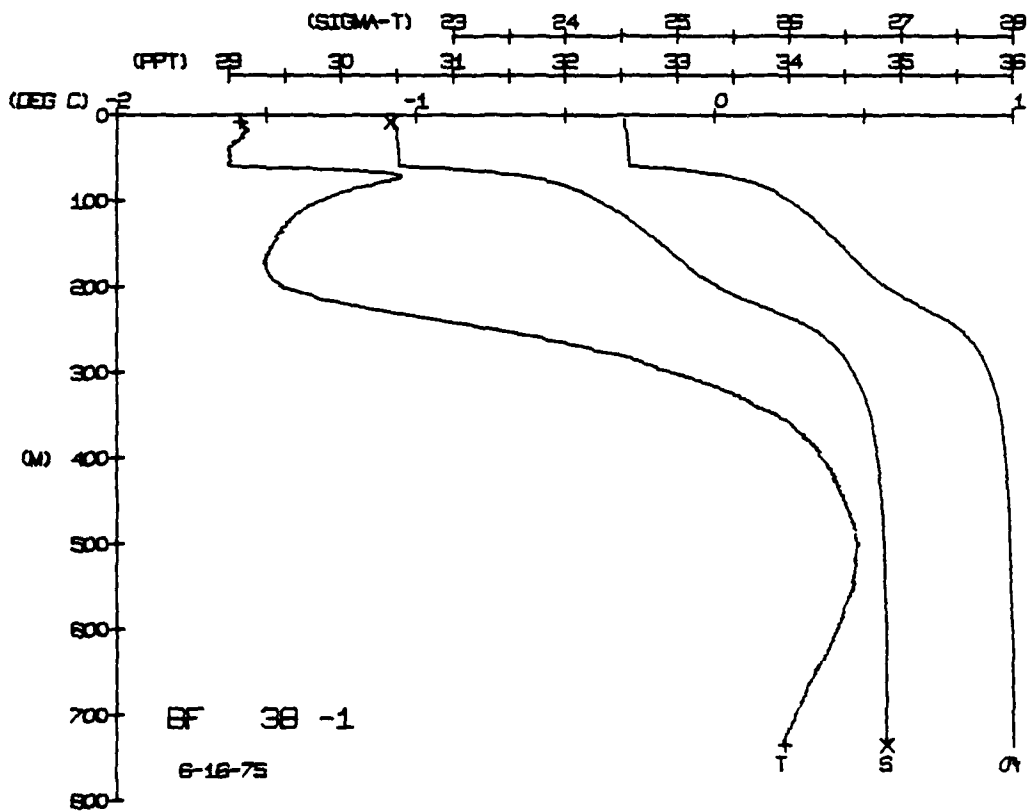
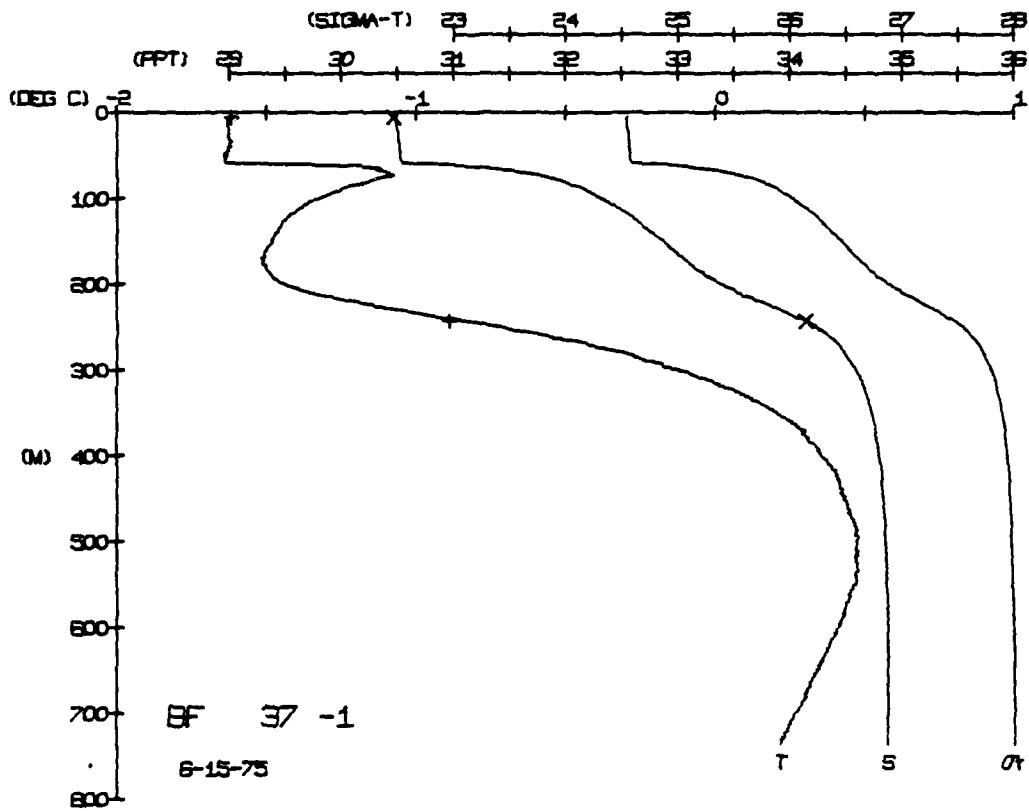


BLUE FOX STATION 37(1) CTD 15/JUN/1975 1821 GMT CODE = 1
 LAT = 76.8109N LNG = 146.3288W UTKR = 31. UGFR = 63.
 AIR TEMP = -1.7 BAROM = 1020.1 WIND = 131.6 SPEED = 36.6

BLUE FOX STATION 38(1) CTD 16/JUN/1975 1804 GMT CODE = 3
 LAT = 76.8065N LNG = 146.3139W UTKR = 1. UGFR = 2.2
 AIR TEMP = -2.5 BAROM = 1023.9 WIND = 118.8 SPEED = 18.2

DEPTH	TEMP	PTEMP	SALIN	SIG T	SPVOL	DYNHT	SOUND	DEPTH	TEMP	PTEMP	SALIN	SIG T	SPVOL	DYNHT	SOUND
0	3.3	3.3	33.5	4.4	34.0	0.0	31.5	0	3.3	3.3	33.5	4.4	34.0	0.0	31.5
5	3.4	3.4	33.5	4.4	34.0	0.0	31.5	5	3.4	3.4	33.5	4.4	34.0	0.0	31.5
10	3.4	3.4	33.5	4.4	34.0	0.0	31.5	10	3.4	3.4	33.5	4.4	34.0	0.0	31.5
15	3.4	3.4	33.5	4.4	34.0	0.0	31.5	15	3.4	3.4	33.5	4.4	34.0	0.0	31.5
20	3.4	3.4	33.5	4.4	34.0	0.0	31.5	20	3.4	3.4	33.5	4.4	34.0	0.0	31.5
25	3.4	3.4	33.5	4.4	34.0	0.0	31.5	25	3.4	3.4	33.5	4.4	34.0	0.0	31.5
30	3.4	3.4	33.5	4.4	34.0	0.0	31.5	30	3.4	3.4	33.5	4.4	34.0	0.0	31.5
35	3.4	3.4	33.5	4.4	34.0	0.0	31.5	35	3.4	3.4	33.5	4.4	34.0	0.0	31.5
40	3.4	3.4	33.5	4.4	34.0	0.0	31.5	40	3.4	3.4	33.5	4.4	34.0	0.0	31.5
45	3.4	3.4	33.5	4.4	34.0	0.0	31.5	45	3.4	3.4	33.5	4.4	34.0	0.0	31.5
50	3.4	3.4	33.5	4.4	34.0	0.0	31.5	50	3.4	3.4	33.5	4.4	34.0	0.0	31.5
55	3.4	3.4	33.5	4.4	34.0	0.0	31.5	55	3.4	3.4	33.5	4.4	34.0	0.0	31.5
60	3.4	3.4	33.5	4.4	34.0	0.0	31.5	60	3.4	3.4	33.5	4.4	34.0	0.0	31.5
65	3.4	3.4	33.5	4.4	34.0	0.0	31.5	65	3.4	3.4	33.5	4.4	34.0	0.0	31.5
70	3.4	3.4	33.5	4.4	34.0	0.0	31.5	70	3.4	3.4	33.5	4.4	34.0	0.0	31.5
75	3.4	3.4	33.5	4.4	34.0	0.0	31.5	75	3.4	3.4	33.5	4.4	34.0	0.0	31.5
80	3.4	3.4	33.5	4.4	34.0	0.0	31.5	80	3.4	3.4	33.5	4.4	34.0	0.0	31.5
85	3.4	3.4	33.5	4.4	34.0	0.0	31.5	85	3.4	3.4	33.5	4.4	34.0	0.0	31.5
90	3.4	3.4	33.5	4.4	34.0	0.0	31.5	90	3.4	3.4	33.5	4.4	34.0	0.0	31.5
95	3.4	3.4	33.5	4.4	34.0	0.0	31.5	95	3.4	3.4	33.5	4.4	34.0	0.0	31.5
100	3.4	3.4	33.5	4.4	34.0	0.0	31.5	100	3.4	3.4	33.5	4.4	34.0	0.0	31.5

BOT NUM = 1
 HOT NUM = 2
 DEPTH 5.6
 242.8
 TEMP -1.62
 -0.89
 SALIN 30.46
 34.14
 SIG T 4.4
 4.4
 SPVOL 34.0
 34.0
 DYNHT 0.0
 0.0
 SOUND 31.5
 31.5
 TEMP -1.59
 -0.24
 SALIN 30.44
 34.89
 SIG T 4.4
 4.4
 SPVOL 34.0
 34.0
 DYNHT 0.0
 0.0
 SOUND 31.5
 31.5



AD-A118 203

LAMONT-DOHERTY GEOLOGICAL OBSERVATORY PALISADES NY

F/6 8/10

ARCTIC ICE DYNAMICS JOINT EXPERIMENT 1975-1976. PHYSICAL OCEANO--ETC(U)

FEB 80 E BAUER, K HUNKINS, T O MANLEY

N00014-76-C-0004

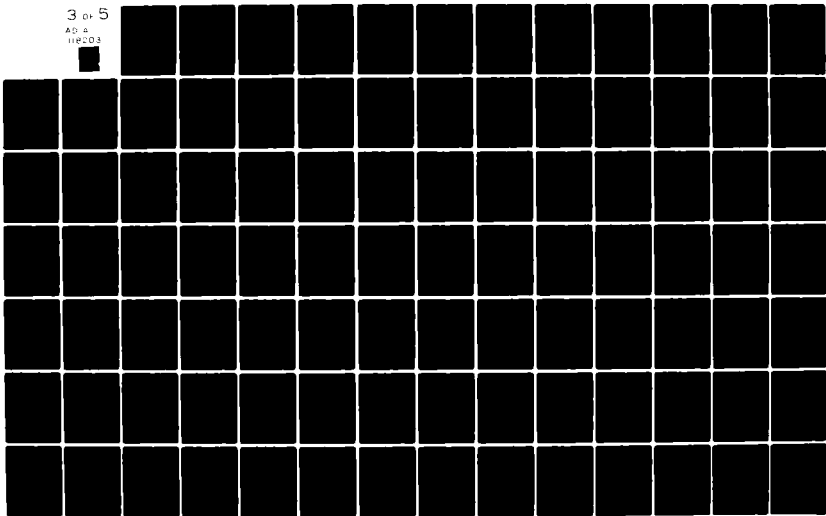
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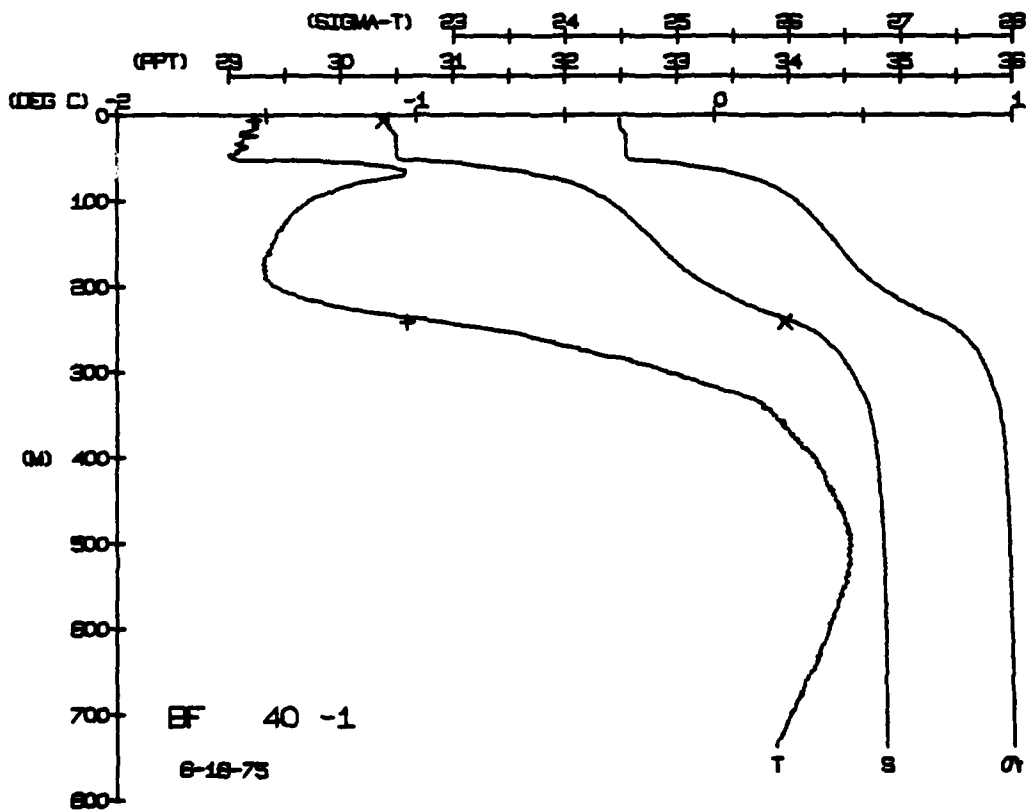
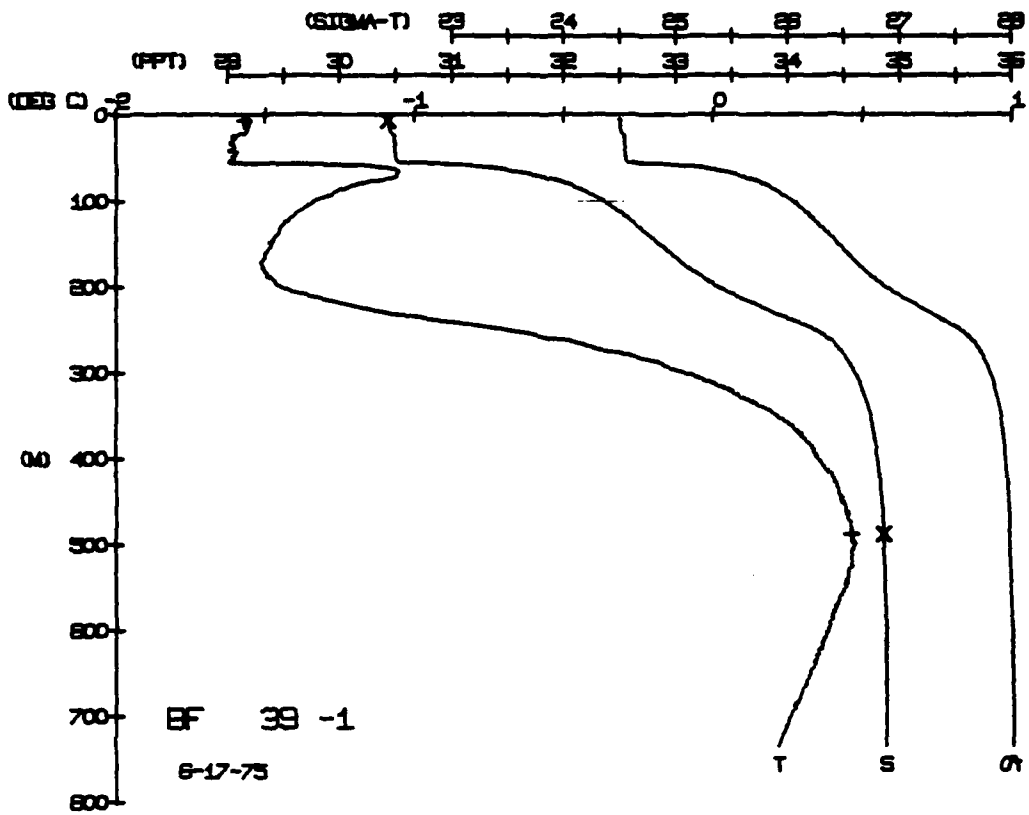
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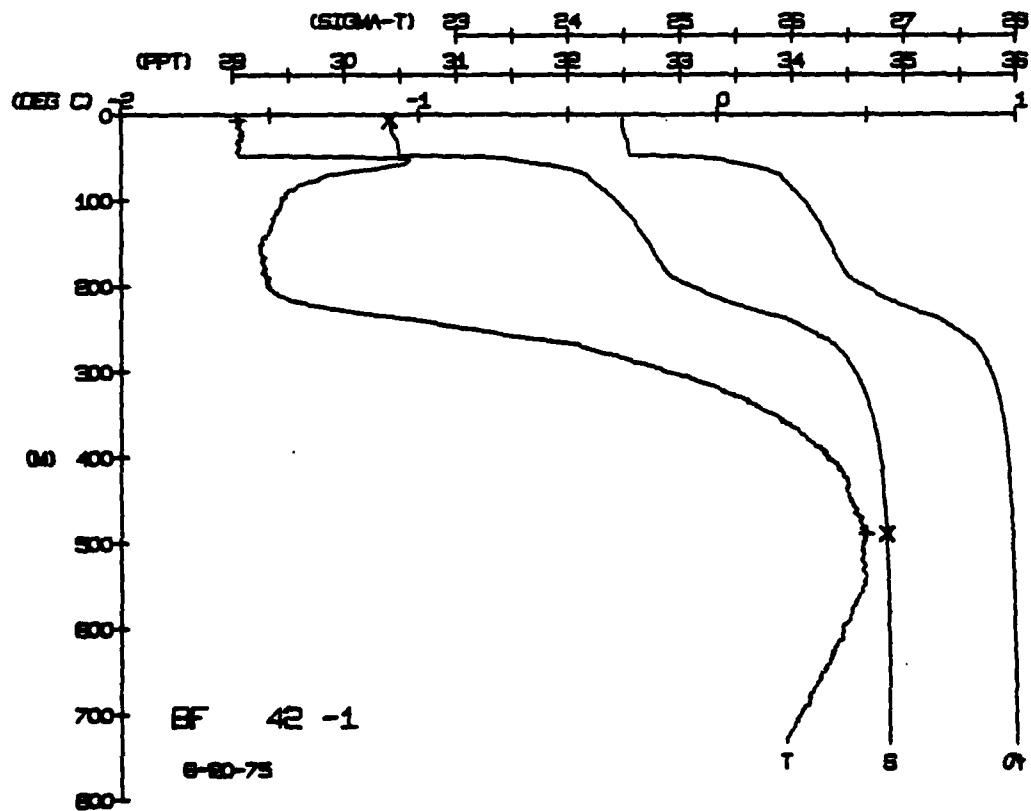
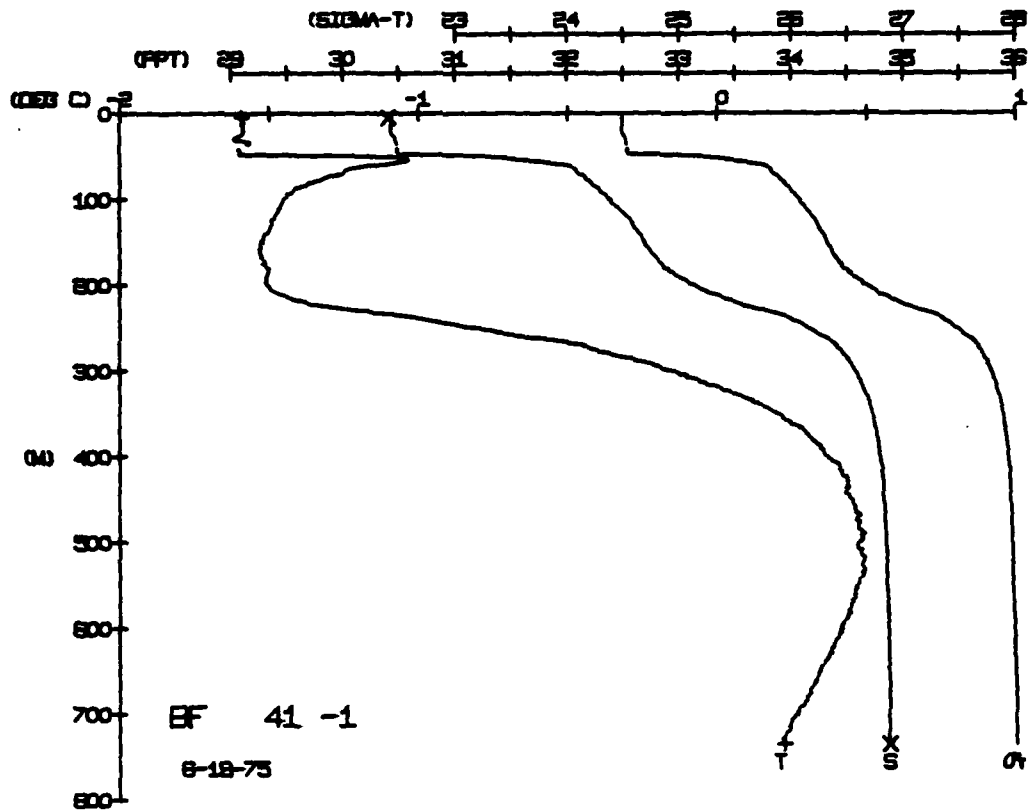
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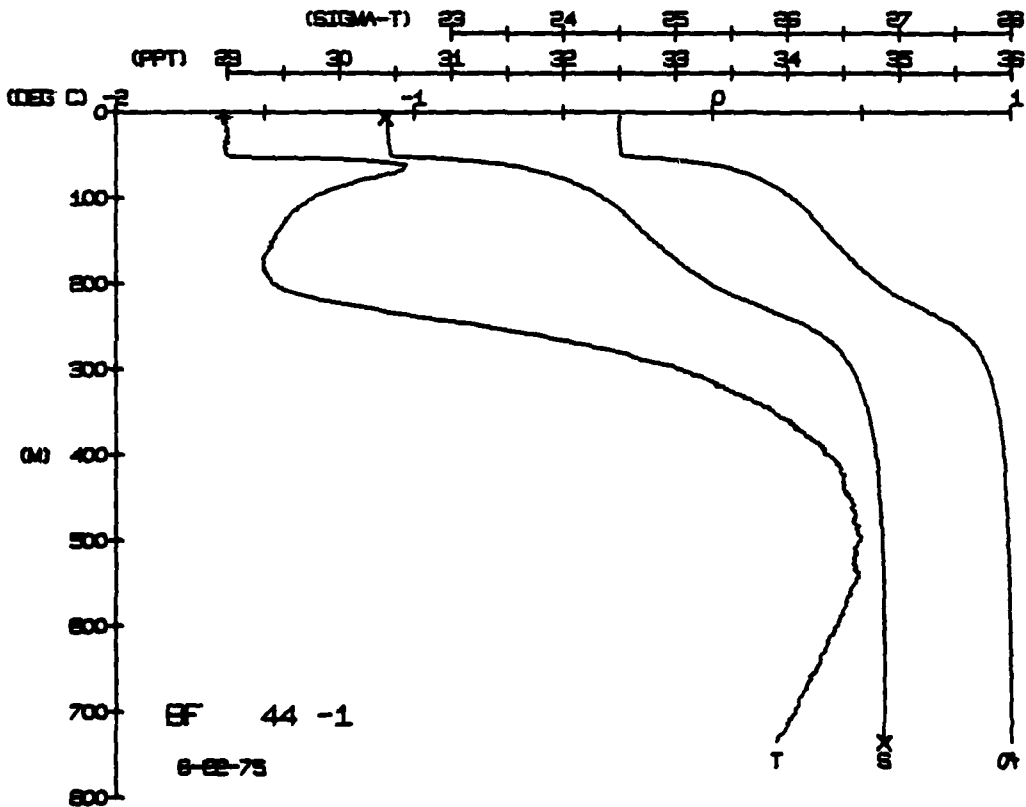
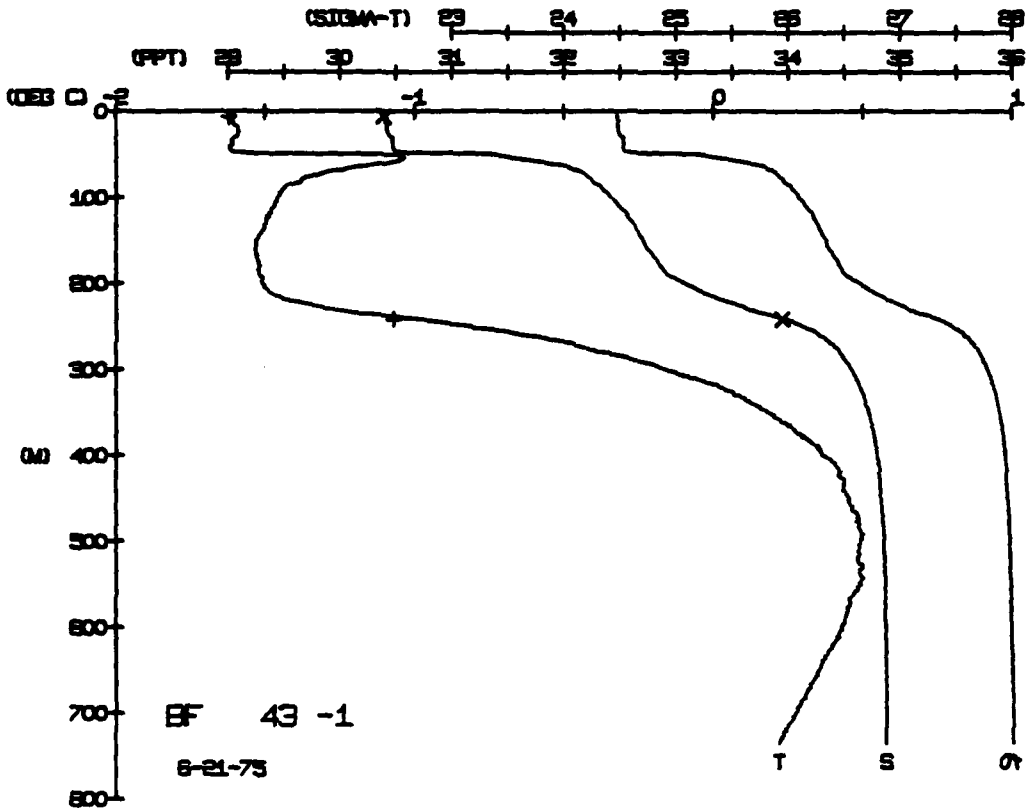
3 of 5

AD 4
118203









BLUE FOX STATION 45(1) CTD 23/JUN/1975 1800 GMT CODE = 3
LAT = 76.8307N LMG = 147.3858W LIER = 9.1 LOGEN = 12.3
AIR TEMP = 0.5 BAROM = 1002.0 WIND = 102.7 SPEED = 30.4

DEPTH	TEMP	PTEMP	SALIN	SIG T	SPVOL	DYHHT	SOUND
00	1.00	1.00	34.80	0.00	0.00	0.00	0.00
05	1.00	1.00	34.80	0.00	0.00	0.00	0.00
10	1.00	1.00	34.80	0.00	0.00	0.00	0.00
15	1.00	1.00	34.80	0.00	0.00	0.00	0.00
20	1.00	1.00	34.80	0.00	0.00	0.00	0.00
25	1.00	1.00	34.80	0.00	0.00	0.00	0.00
30	1.00	1.00	34.80	0.00	0.00	0.00	0.00
35	1.00	1.00	34.80	0.00	0.00	0.00	0.00
40	1.00	1.00	34.80	0.00	0.00	0.00	0.00
45	1.00	1.00	34.80	0.00	0.00	0.00	0.00
50	1.00	1.00	34.80	0.00	0.00	0.00	0.00
55	1.00	1.00	34.80	0.00	0.00	0.00	0.00
60	1.00	1.00	34.80	0.00	0.00	0.00	0.00
65	1.00	1.00	34.80	0.00	0.00	0.00	0.00
70	1.00	1.00	34.80	0.00	0.00	0.00	0.00
75	1.00	1.00	34.80	0.00	0.00	0.00	0.00
80	1.00	1.00	34.80	0.00	0.00	0.00	0.00
85	1.00	1.00	34.80	0.00	0.00	0.00	0.00
90	1.00	1.00	34.80	0.00	0.00	0.00	0.00
95	1.00	1.00	34.80	0.00	0.00	0.00	0.00
100	1.00	1.00	34.80	0.00	0.00	0.00	0.00

DEPTH 5.6
TEMP -1.62
SALIN 30.42
SIG T 0.00
SPVOL 0.00
DYHHT 0.00
SOUND 0.00

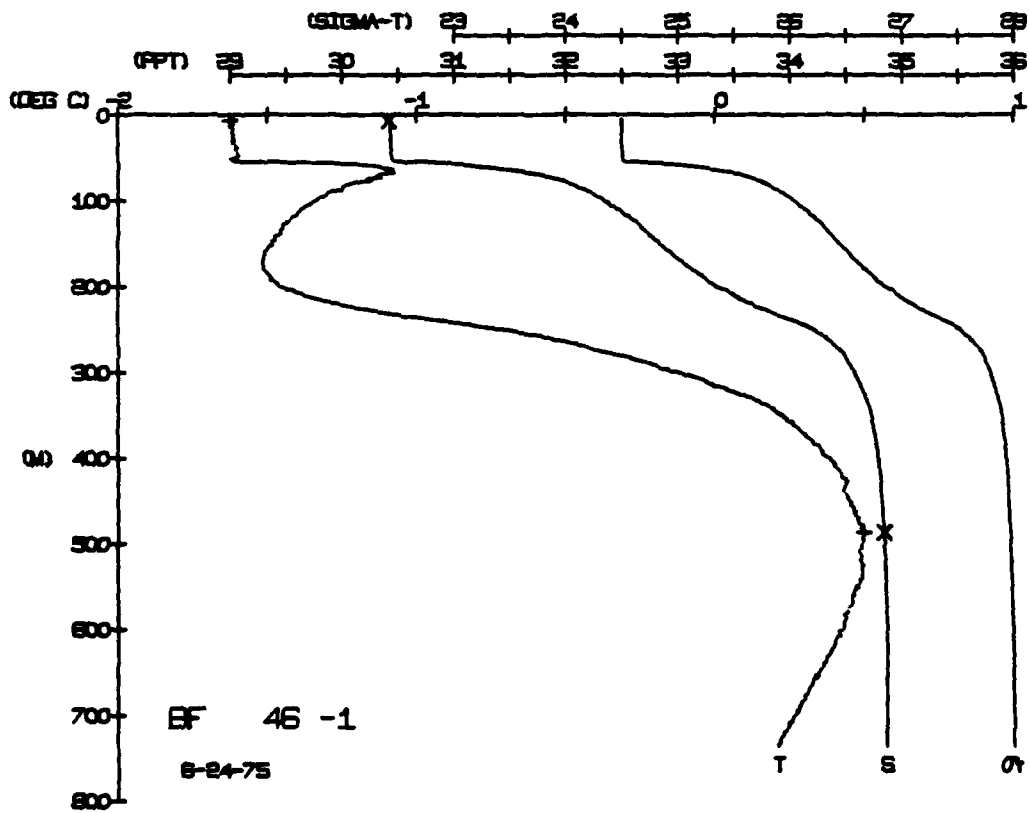
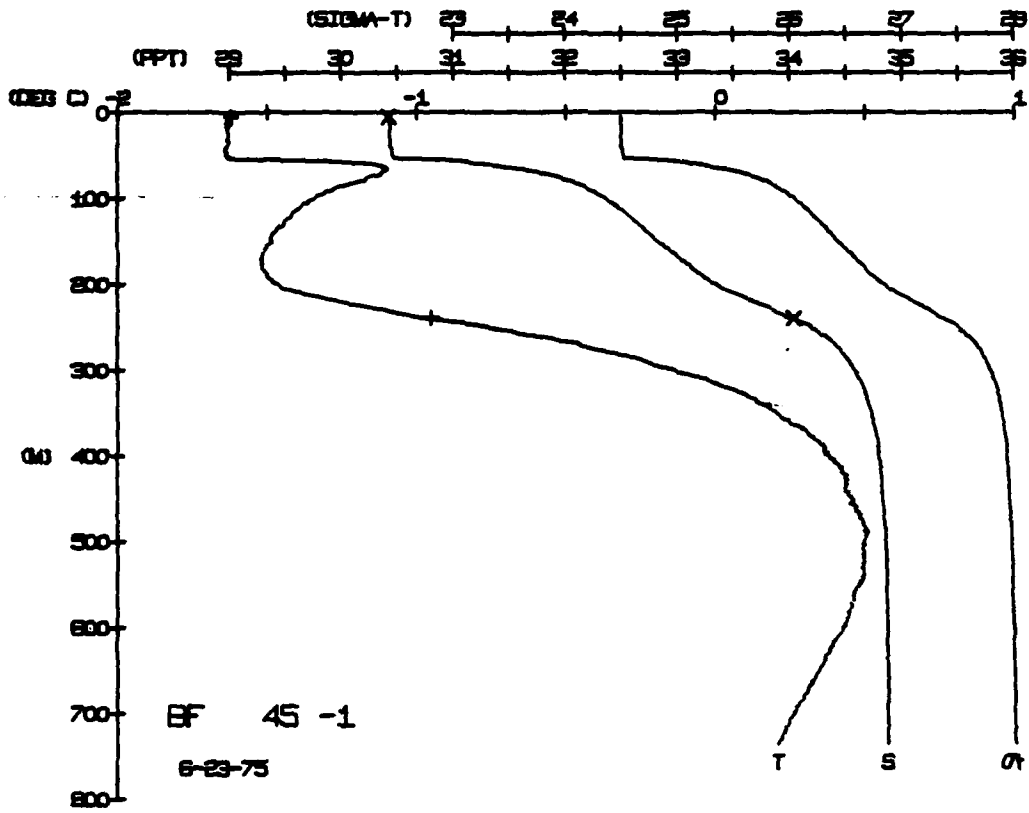
BUT NUM = 1
BUT NUM = 2

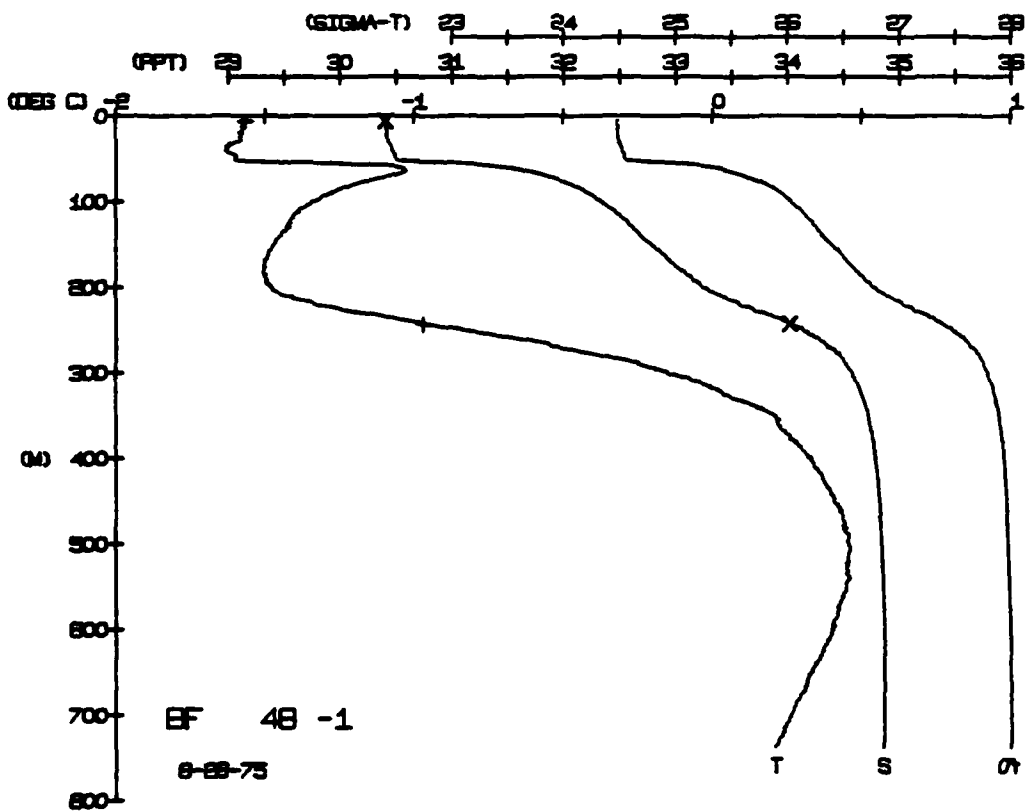
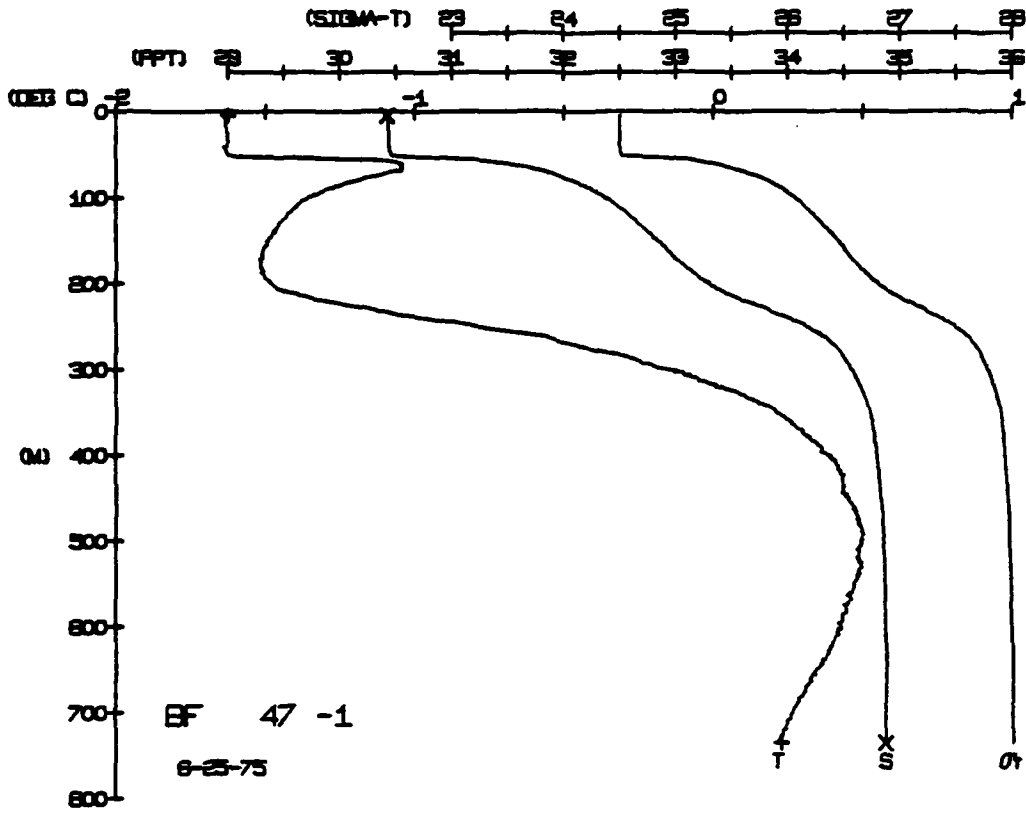
BLUE FOX STATION 46(1) CTD 24/JUN/1975 1802 GMT CODE = 3
LAT = 76.8369N LMG = 147.4799W LIER = 1.1 LOGEN = 11.7
AIR TEMP = 0.9 BAROM = 1003.7 WIND = 34.0 SPEED = 21.7

DEPTH	TEMP	PTEMP	SALIN	SIG T	SPVOL	DYHHT	SOUND
00	1.00	1.00	34.80	0.00	0.00	0.00	0.00
05	1.00	1.00	34.80	0.00	0.00	0.00	0.00
10	1.00	1.00	34.80	0.00	0.00	0.00	0.00
15	1.00	1.00	34.80	0.00	0.00	0.00	0.00
20	1.00	1.00	34.80	0.00	0.00	0.00	0.00
25	1.00	1.00	34.80	0.00	0.00	0.00	0.00
30	1.00	1.00	34.80	0.00	0.00	0.00	0.00
35	1.00	1.00	34.80	0.00	0.00	0.00	0.00
40	1.00	1.00	34.80	0.00	0.00	0.00	0.00
45	1.00	1.00	34.80	0.00	0.00	0.00	0.00
50	1.00	1.00	34.80	0.00	0.00	0.00	0.00
55	1.00	1.00	34.80	0.00	0.00	0.00	0.00
60	1.00	1.00	34.80	0.00	0.00	0.00	0.00
65	1.00	1.00	34.80	0.00	0.00	0.00	0.00
70	1.00	1.00	34.80	0.00	0.00	0.00	0.00
75	1.00	1.00	34.80	0.00	0.00	0.00	0.00
80	1.00	1.00	34.80	0.00	0.00	0.00	0.00
85	1.00	1.00	34.80	0.00	0.00	0.00	0.00
90	1.00	1.00	34.80	0.00	0.00	0.00	0.00
95	1.00	1.00	34.80	0.00	0.00	0.00	0.00
100	1.00	1.00	34.80	0.00	0.00	0.00	0.00

DEPTH 4.7
TEMP -1.63
SALIN 30.42
SIG T 0.00
SPVOL 0.00
DYHHT 0.00
SOUND 0.00

BUT NUM = 1
BUT NUM = 2





BLUE FOX STATION 49(1) CTD 27/JUN/1975 1806 GMT CODE = 3
 LAT = 76.8306N LNC = 147.1150W LFER = 146.9541M LGER = 0
 AIR TEMP = -0.3 BARUM = 1009.5 WIND = 83.4 SPEED = 23.1

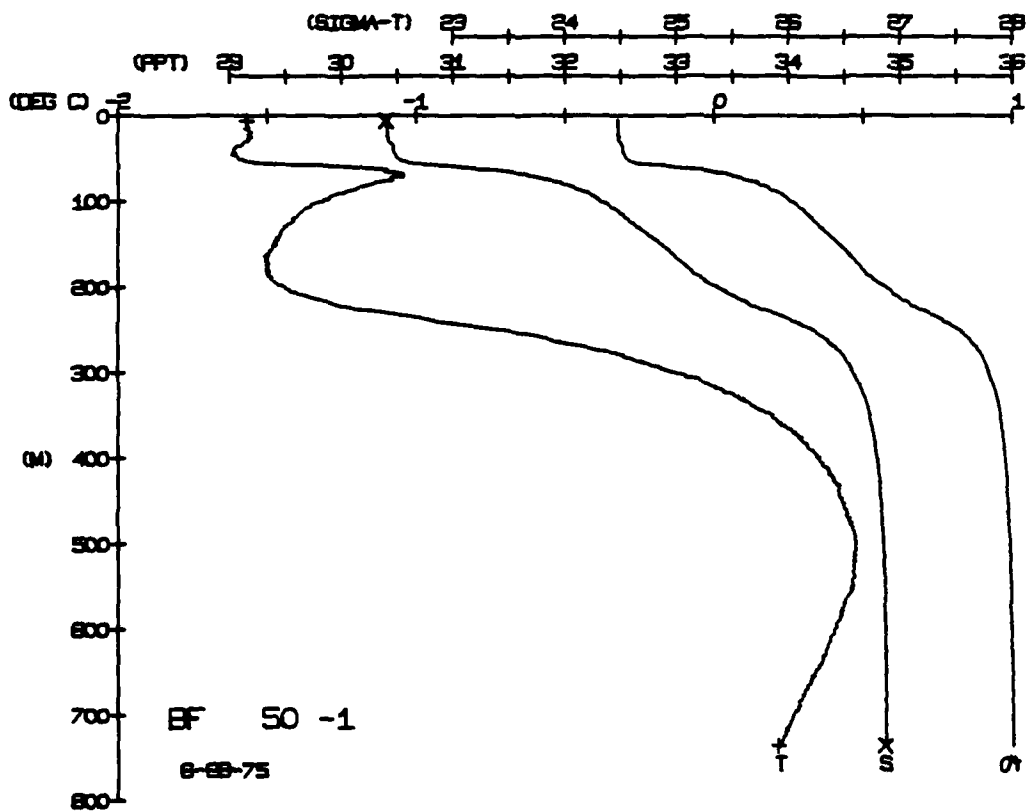
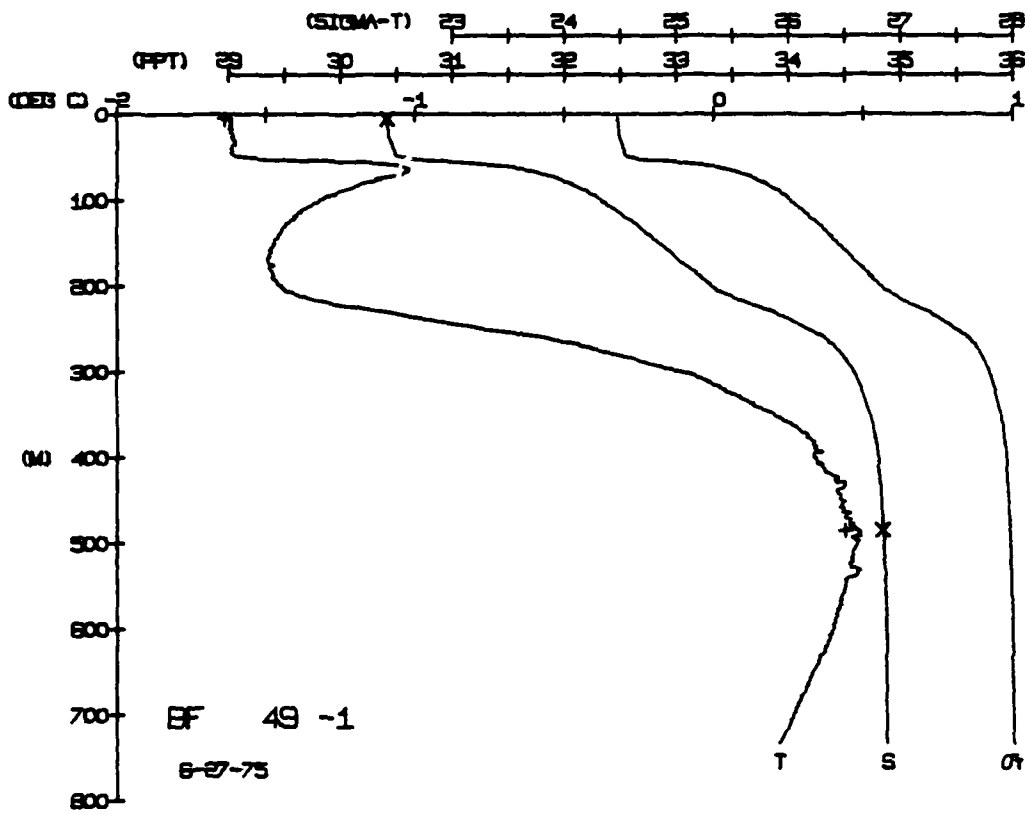
BLUE FOX STATION 50(1) CTD 28/JUN/1975 1800 GMT CODE = 3
 LAT = 76.8425N LNC = 146.9541M LFER = 146.9541M LGER = 0
 AIR TEMP = 0.3 BARUM = 1002.0 WIND = 241.9 SPEED = 51.9

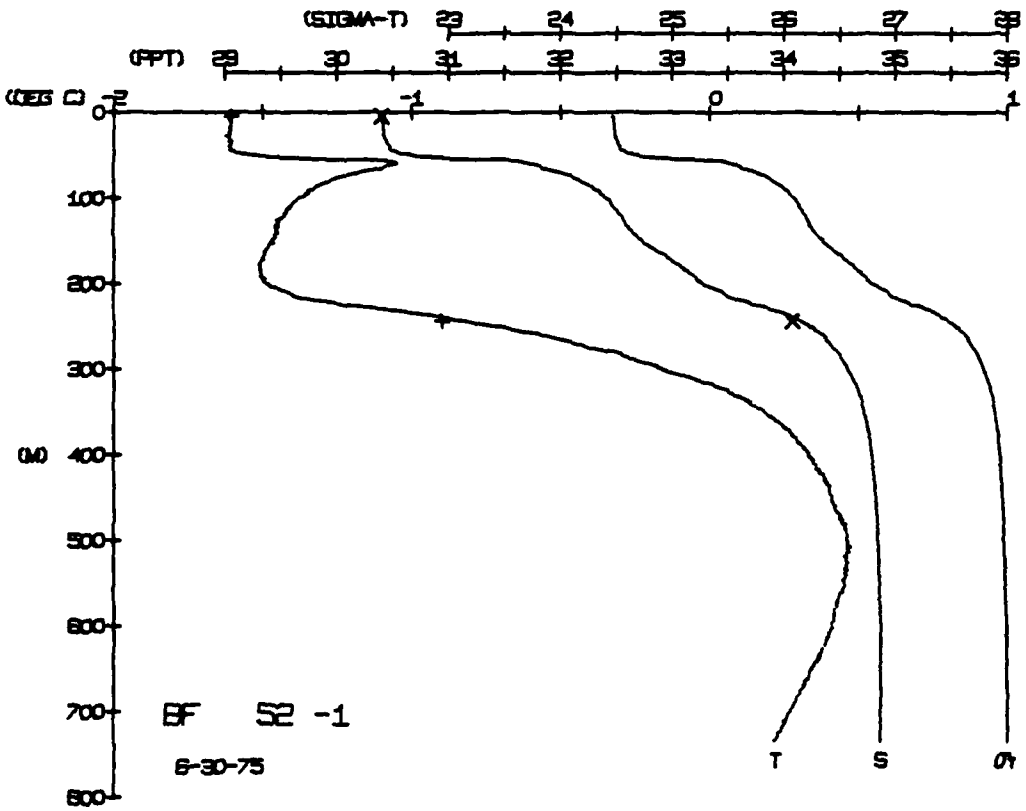
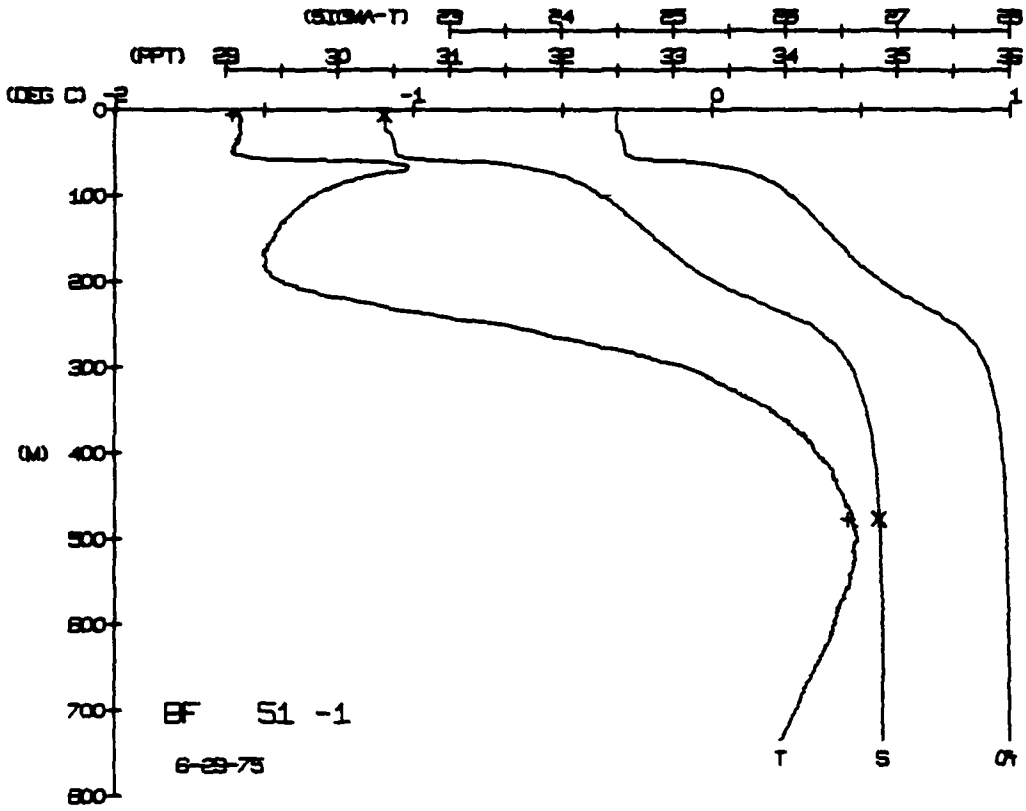
DEPTH	TEMP	PTEMP	SALIN	SIG T	SPVOL	WYKHT	SOUND
0	0.00	0.00	30.00	2.22	3.22	00	5.23
5	0.00	0.00	30.00	2.22	3.22	00	5.23
10	0.00	0.00	30.00	2.22	3.22	00	5.23
15	0.00	0.00	30.00	2.22	3.22	00	5.23
20	0.00	0.00	30.00	2.22	3.22	00	5.23
25	0.00	0.00	30.00	2.22	3.22	00	5.23
30	0.00	0.00	30.00	2.22	3.22	00	5.23
35	0.00	0.00	30.00	2.22	3.22	00	5.23
40	0.00	0.00	30.00	2.22	3.22	00	5.23
45	0.00	0.00	30.00	2.22	3.22	00	5.23
50	0.00	0.00	30.00	2.22	3.22	00	5.23
55	0.00	0.00	30.00	2.22	3.22	00	5.23
60	0.00	0.00	30.00	2.22	3.22	00	5.23
65	0.00	0.00	30.00	2.22	3.22	00	5.23
70	0.00	0.00	30.00	2.22	3.22	00	5.23
75	0.00	0.00	30.00	2.22	3.22	00	5.23
80	0.00	0.00	30.00	2.22	3.22	00	5.23
85	0.00	0.00	30.00	2.22	3.22	00	5.23
90	0.00	0.00	30.00	2.22	3.22	00	5.23
95	0.00	0.00	30.00	2.22	3.22	00	5.23
100	0.00	0.00	30.00	2.22	3.22	00	5.23
105	0.00	0.00	30.00	2.22	3.22	00	5.23
110	0.00	0.00	30.00	2.22	3.22	00	5.23
115	0.00	0.00	30.00	2.22	3.22	00	5.23
120	0.00	0.00	30.00	2.22	3.22	00	5.23
125	0.00	0.00	30.00	2.22	3.22	00	5.23
130	0.00	0.00	30.00	2.22	3.22	00	5.23
135	0.00	0.00	30.00	2.22	3.22	00	5.23
140	0.00	0.00	30.00	2.22	3.22	00	5.23
145	0.00	0.00	30.00	2.22	3.22	00	5.23
150	0.00	0.00	30.00	2.22	3.22	00	5.23
155	0.00	0.00	30.00	2.22	3.22	00	5.23
160	0.00	0.00	30.00	2.22	3.22	00	5.23
165	0.00	0.00	30.00	2.22	3.22	00	5.23
170	0.00	0.00	30.00	2.22	3.22	00	5.23
175	0.00	0.00	30.00	2.22	3.22	00	5.23
180	0.00	0.00	30.00	2.22	3.22	00	5.23
185	0.00	0.00	30.00	2.22	3.22	00	5.23
190	0.00	0.00	30.00	2.22	3.22	00	5.23
195	0.00	0.00	30.00	2.22	3.22	00	5.23
200	0.00	0.00	30.00	2.22	3.22	00	5.23
205	0.00	0.00	30.00	2.22	3.22	00	5.23
210	0.00	0.00	30.00	2.22	3.22	00	5.23
215	0.00	0.00	30.00	2.22	3.22	00	5.23
220	0.00	0.00	30.00	2.22	3.22	00	5.23
225	0.00	0.00	30.00	2.22	3.22	00	5.23
230	0.00	0.00	30.00	2.22	3.22	00	5.23
235	0.00	0.00	30.00	2.22	3.22	00	5.23
240	0.00	0.00	30.00	2.22	3.22	00	5.23
245	0.00	0.00	30.00	2.22	3.22	00	5.23
250	0.00	0.00	30.00	2.22	3.22	00	5.23
255	0.00	0.00	30.00	2.22	3.22	00	5.23
260	0.00	0.00	30.00	2.22	3.22	00	5.23
265	0.00	0.00	30.00	2.22	3.22	00	5.23
270	0.00	0.00	30.00	2.22	3.22	00	5.23
275	0.00	0.00	30.00	2.22	3.22	00	5.23
280	0.00	0.00	30.00	2.22	3.22	00	5.23
285	0.00	0.00	30.00	2.22	3.22	00	5.23
290	0.00	0.00	30.00	2.22	3.22	00	5.23
295	0.00	0.00	30.00	2.22	3.22	00	5.23
300	0.00	0.00	30.00	2.22	3.22	00	5.23

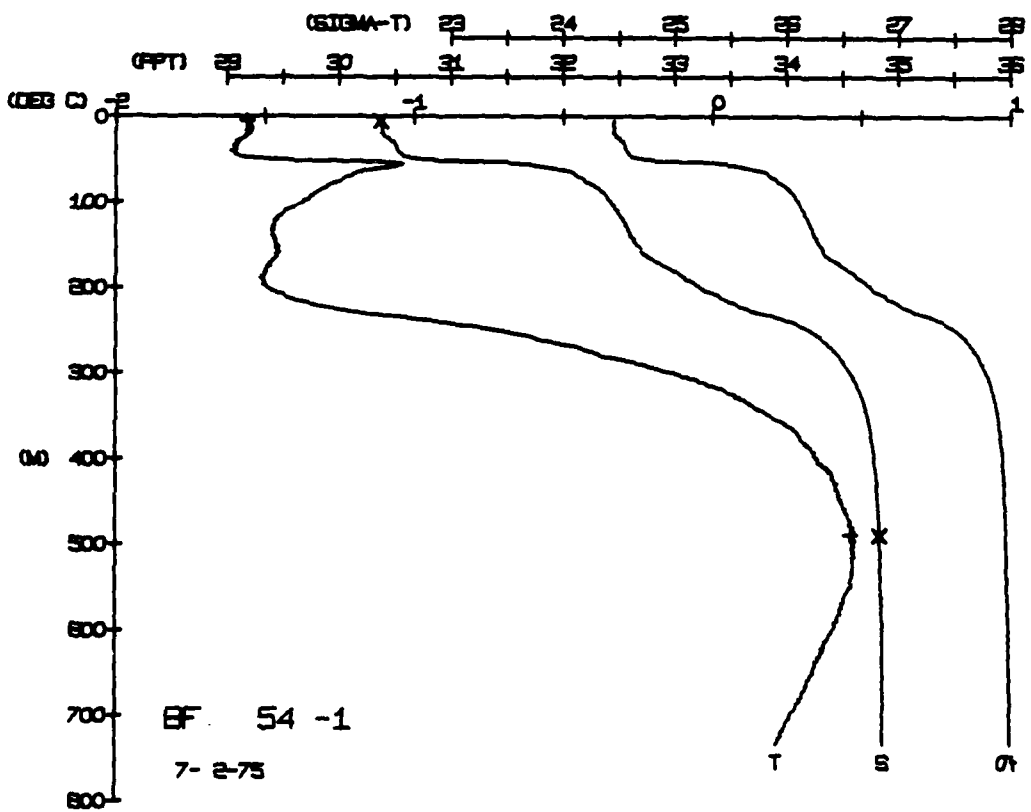
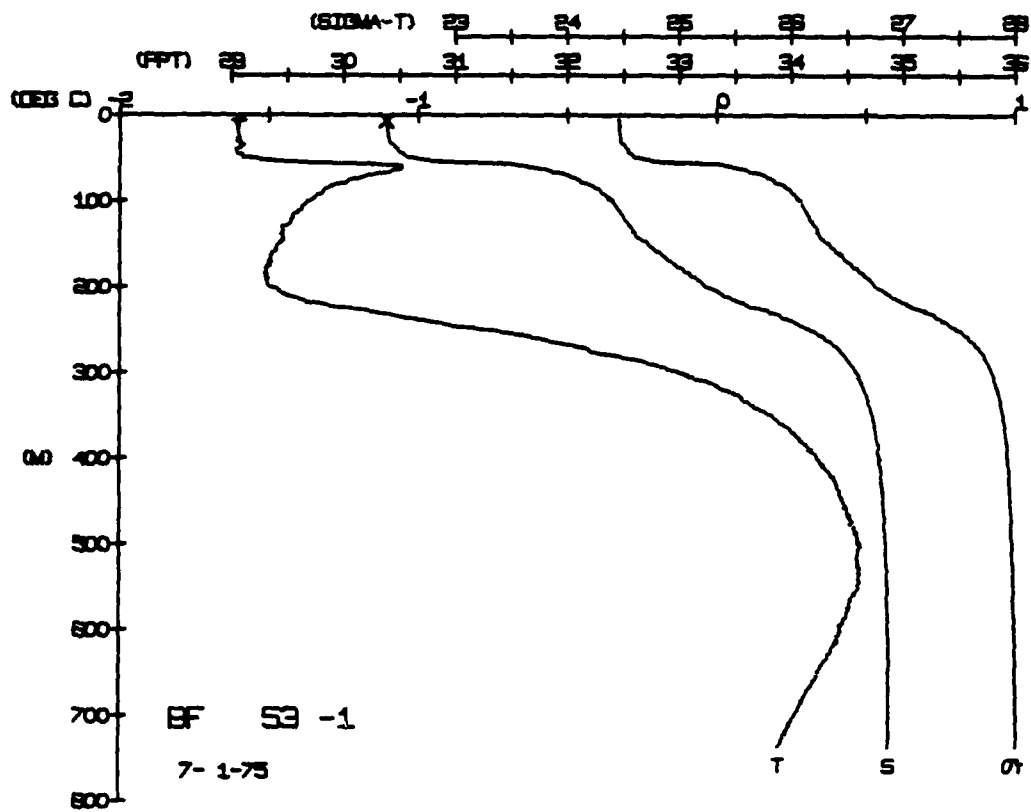
DEPTH	TEMP	PTEMP	SALIN	SIG T	SPVOL	WYKHT	SOUND
0	5.77	5.77	30.40	4.77	7.99	00	5.55
5	5.58	5.58	30.40	4.77	7.99	00	5.55
10	5.58	5.58	30.40	4.77	7.99	00	5.55
15	5.58	5.58	30.40	4.77	7.99	00	5.55
20	5.58	5.58	30.40	4.77	7.99	00	5.55
25	5.58	5.58	30.40	4.77	7.99	00	5.55
30	5.58	5.58	30.40	4.77	7.99	00	5.55
35	5.58	5.58	30.40	4.77	7.99	00	5.55
40	5.58	5.58	30.40	4.77	7.99	00	5.55
45	5.58	5.58	30.40	4.77	7.99	00	5.55
50	5.58	5.58	30.40	4.77	7.99	00	5.55
55	5.58	5.58	30.40	4.77	7.99	00	5.55
60	5.58	5.58	30.40	4.77	7.99	00	5.55
65	5.58	5.58	30.40	4.77	7.99	00	5.55
70	5.58	5.58	30.40	4.77	7.99	00	5.55
75	5.58	5.58	30.40	4.77	7.99	00	5.55
80	5.58	5.58	30.40	4.77	7.99	00	5.55
85	5.58	5.58	30.40	4.77	7.99	00	5.55
90	5.58	5.58	30.40	4.77	7.99	00	5.55
95	5.58	5.58	30.40	4.77	7.99	00	5.55
100	5.58	5.58	30.40	4.77	7.99	00	5.55
105	5.58	5.58	30.40	4.77	7.99	00	5.55
110	5.58	5.58	30.40	4.77	7.99	00	5.55
115	5.58	5.58	30.40	4.77	7.99	00	5.55
120	5.58	5.58	30.40	4.77	7.99	00	5.55
125	5.58	5.58	30.40	4.77	7.99	00	5.55
130	5.58	5.58	30.40	4.77	7.99	00	5.55
135	5.58	5.58	30.40	4.77	7.99	00	5.55
140	5.58	5.58	30.40	4.77	7.99	00	5.55
145	5.58	5.58	30.40	4.77	7.99	00	5.55
150	5.58	5.58	30.40	4.77	7.99	00	5.55
155	5.58	5.58	30.40	4.77	7.99	00	5.55
160	5.58	5.58	30.40	4.77	7.99	00	5.55
165	5.58	5.58	30.40	4.77	7.99	00	5.55
170	5.58	5.58	30.40	4.77	7.99	00	5.55
175	5.58	5.58	30.40	4.77	7.99	00	5.55
180	5.58	5.58	30.40	4.77	7.99	00	5.55
185	5.58	5.58	30.40	4.77	7.99	00	5.55
190	5.58	5.58	30.40	4.77	7.99	00	5.55
195	5.58	5.58	30.40	4.77	7.99	00	5.55
200	5.58	5.58	30.40	4.77	7.99	00	5.55
205	5.58	5.58	30.40	4.77	7.99	00	5.55
210	5.58	5.58	30.40	4.77	7.99	00	5.55
215	5.58	5.58	30.40	4.77	7.99	00	5.55
220	5.58	5.58	30.40	4.77	7.99	00	5.55
225	5.58	5.58	30.40	4.77	7.99	00	5.55
230	5.58	5.58	30.40	4.77	7.99	00	5.55
235	5.58	5.58	30.40	4.77	7.99	00	5.55
240	5.58	5.58	30.40	4.77	7.99	00	5.55
245	5.58	5.58	30.40	4.77	7.99	00	5.55
250	5.58	5.58	30.40	4.77	7.99	00	5.55
255	5.58	5.58	30.40	4.77	7.99	00	5.55
260	5.58	5.58	30.40	4.77	7.99	00	5.55
265	5.58	5.58	30.40	4.77	7.99	00	5.55
270	5.58	5.58	30.40	4.77	7.99	00	5.55
275	5.58	5.58	30.40	4.77	7.99	00	5.55
280	5.58	5.58	30.40	4.77	7.99	00	5.55
285	5.58	5.58	30.40	4.77	7.99	00	5.55
290	5.58	5.58	30.40	4.77	7.99	00	5.55
295	5.58	5.58	30.40	4.77	7.99	00	5.55
300	5.58	5.58	30.40	4.77	7.99	00	5.55

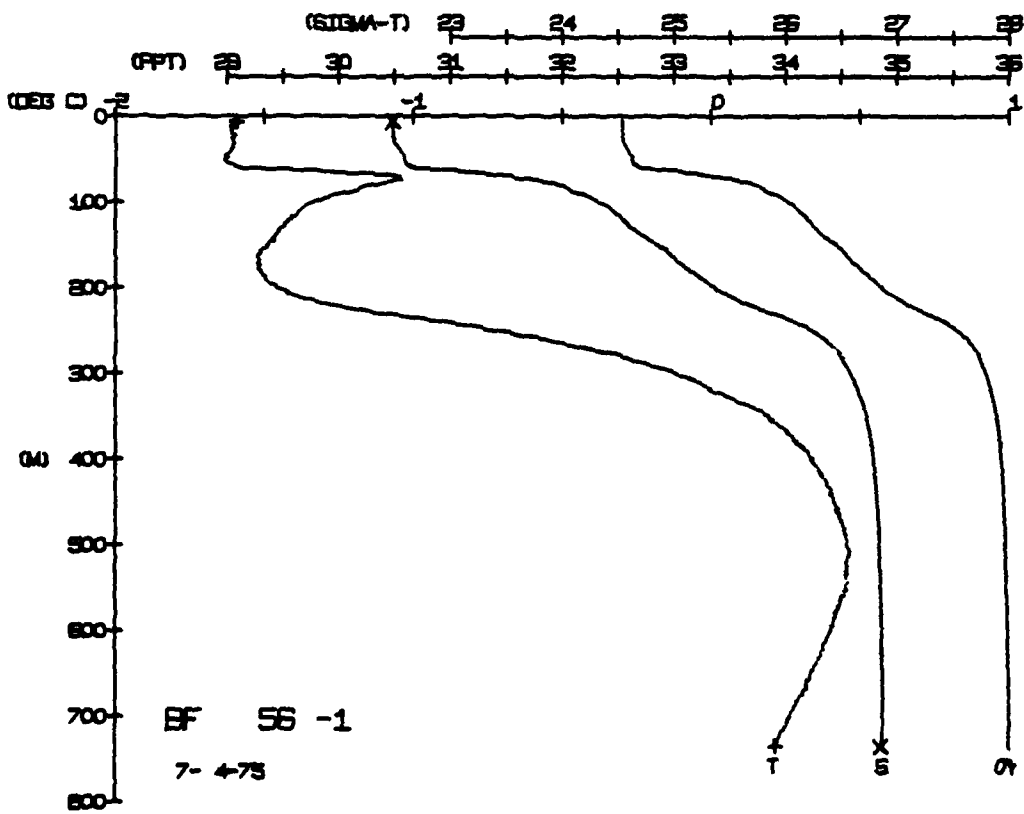
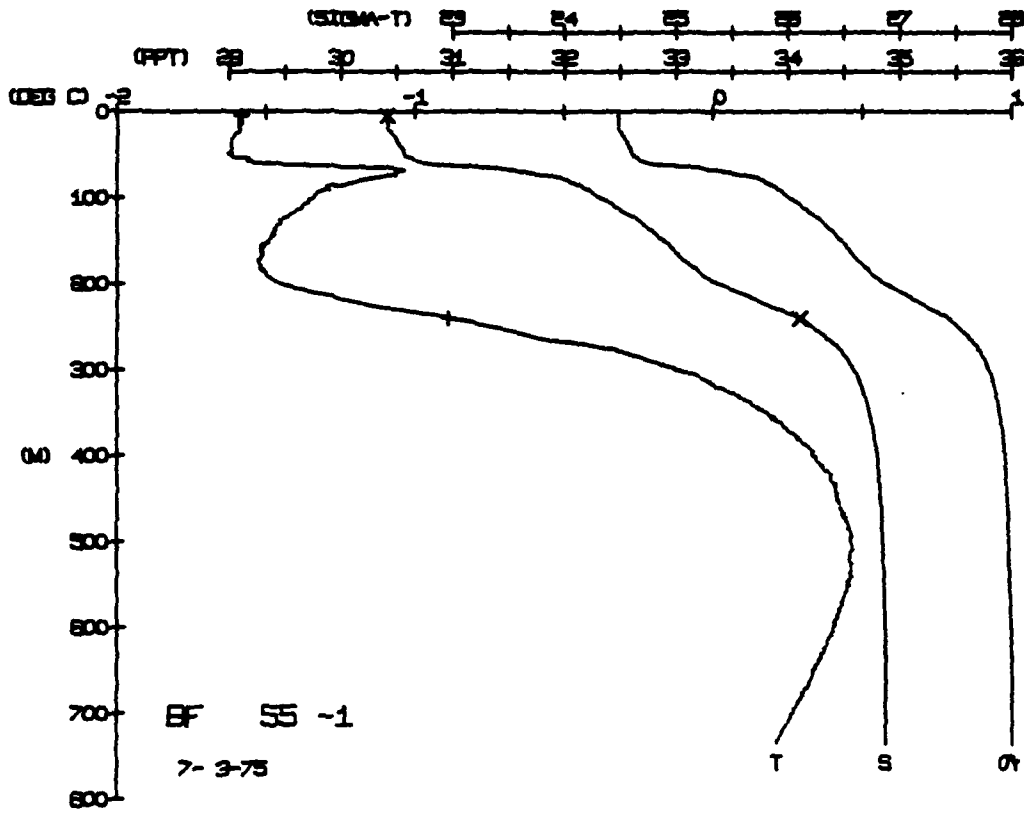
DEPTH 5.6
 TEMP -1.57
 SALIN 30.40
 ROT NUM = 1
 ROT NUM = 34.84

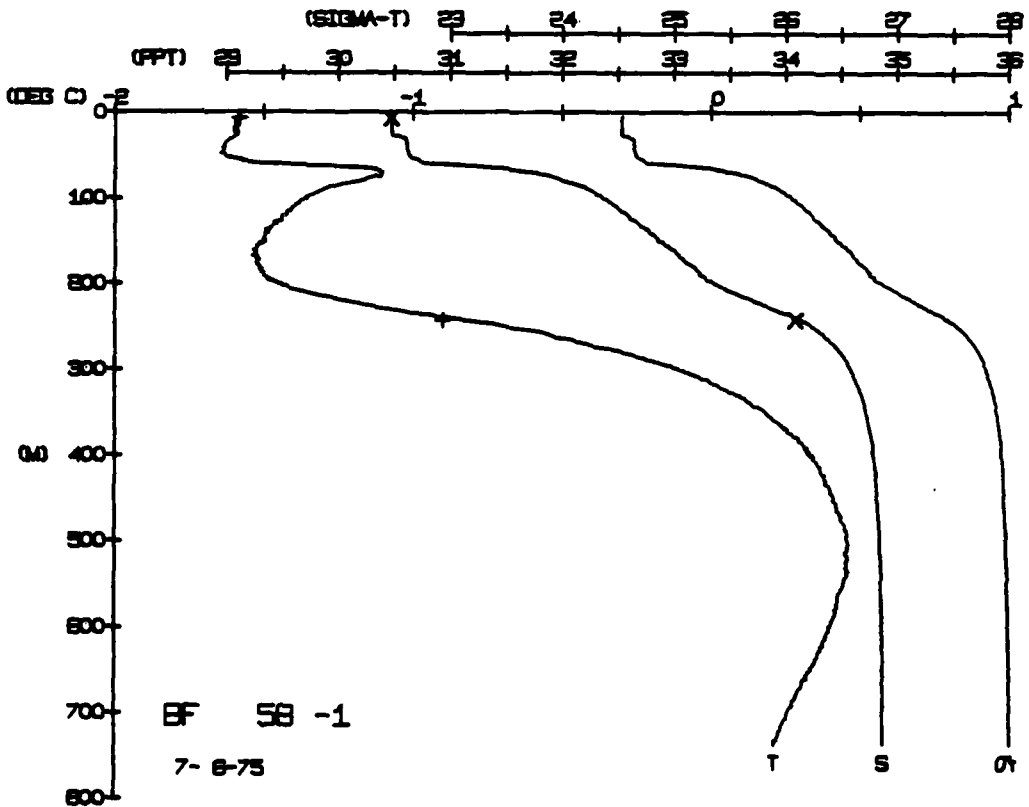
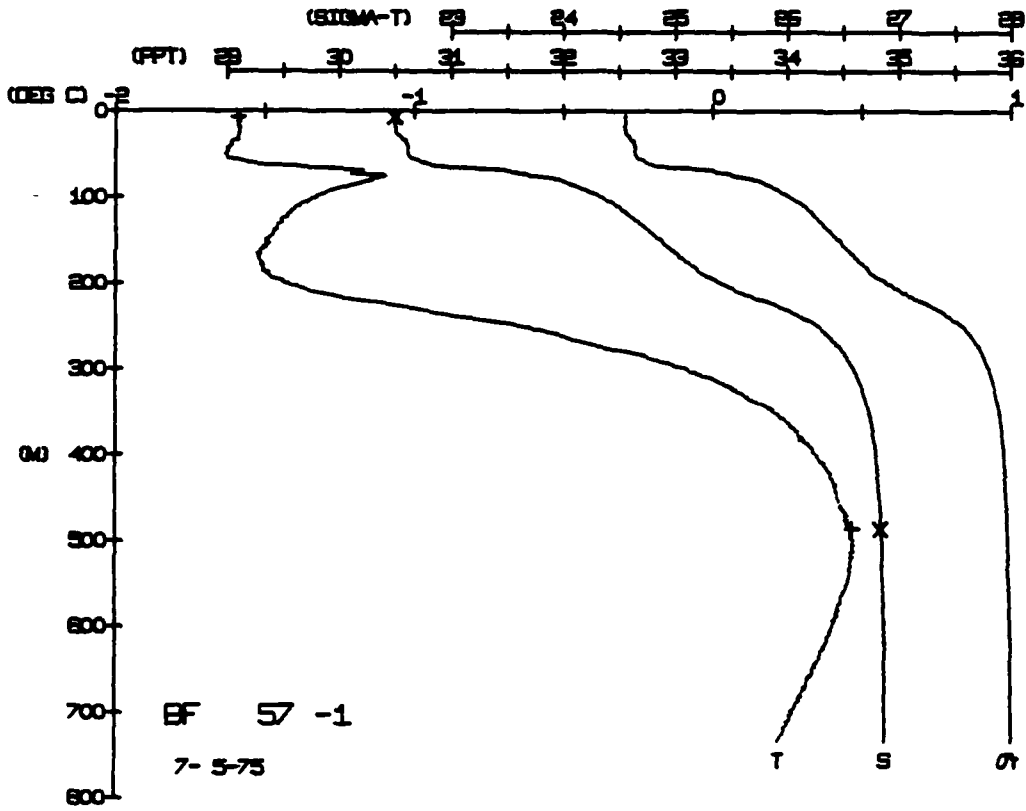
DEPTH 735.0
 TEMP -1.57
 SALIN 30.40
 ROT NUM = 1
 ROT NUM = 34.84

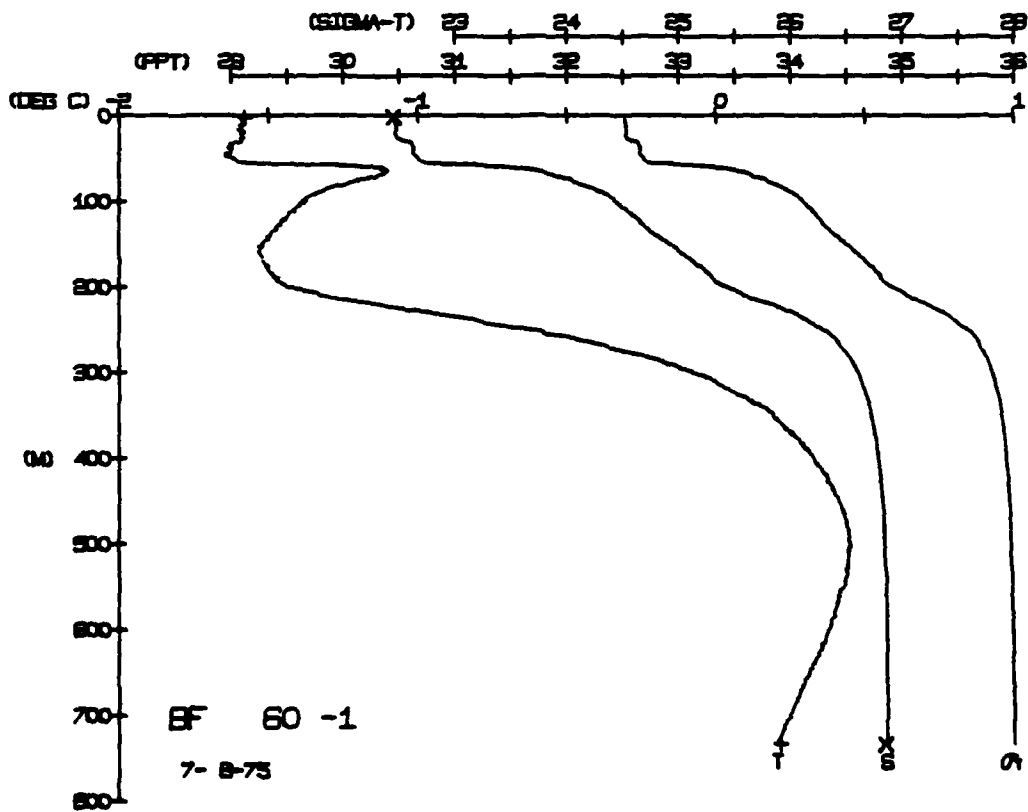
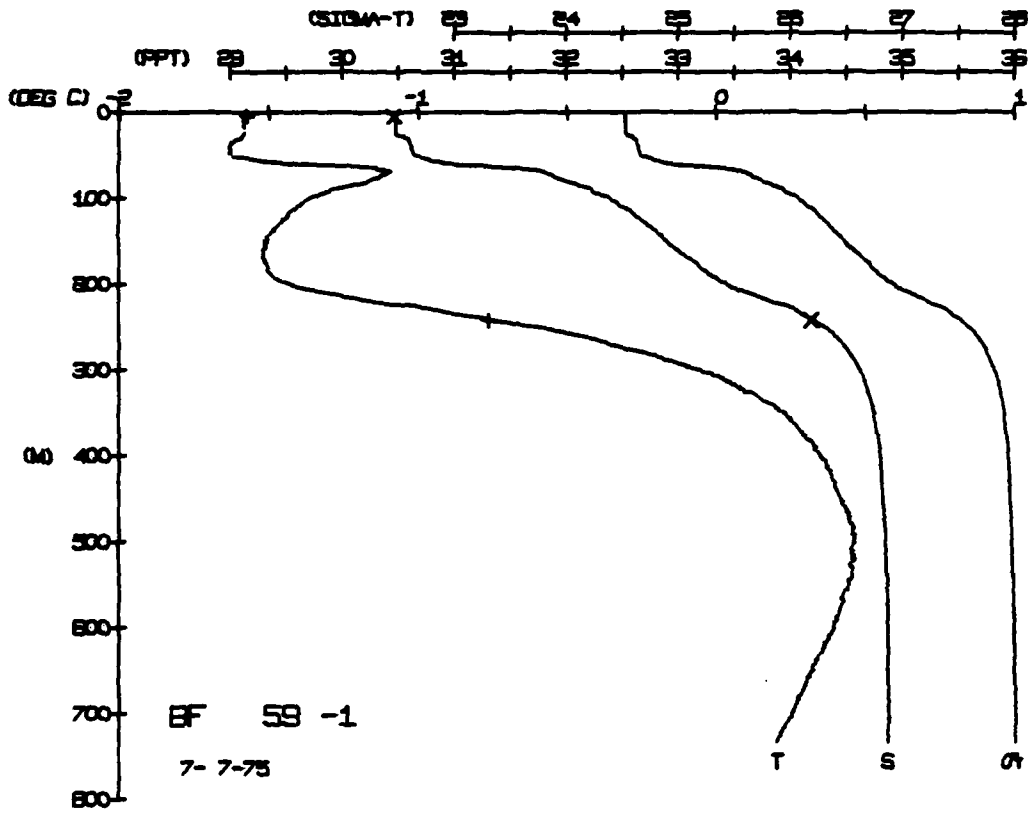


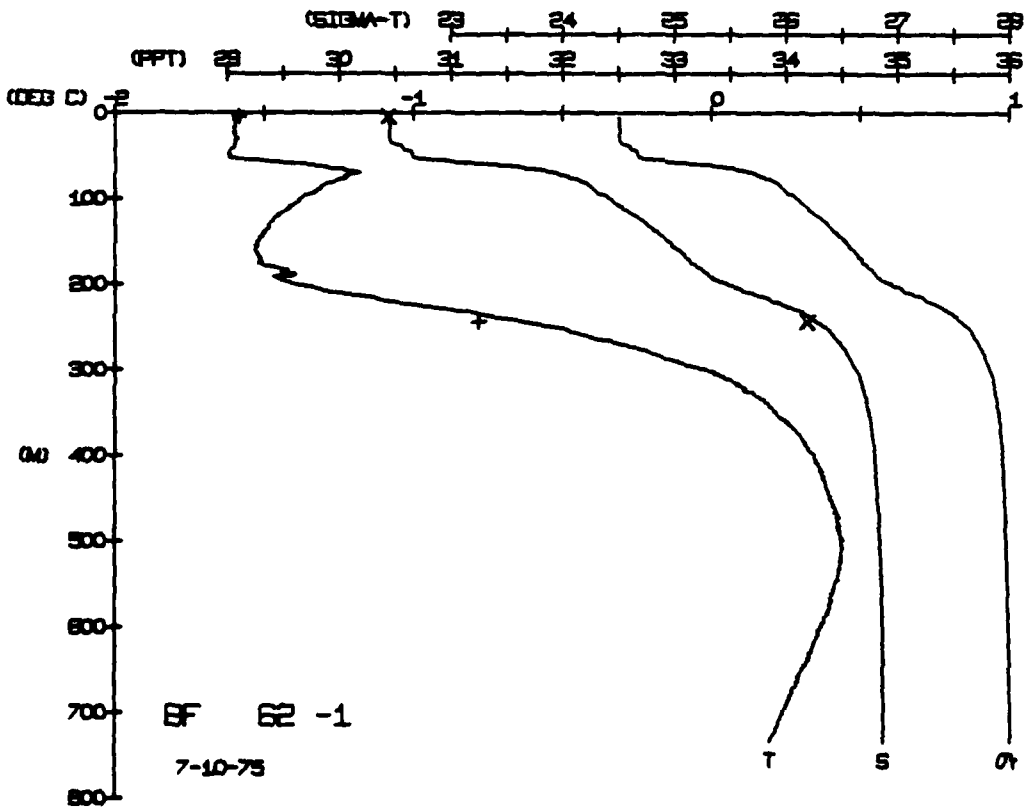
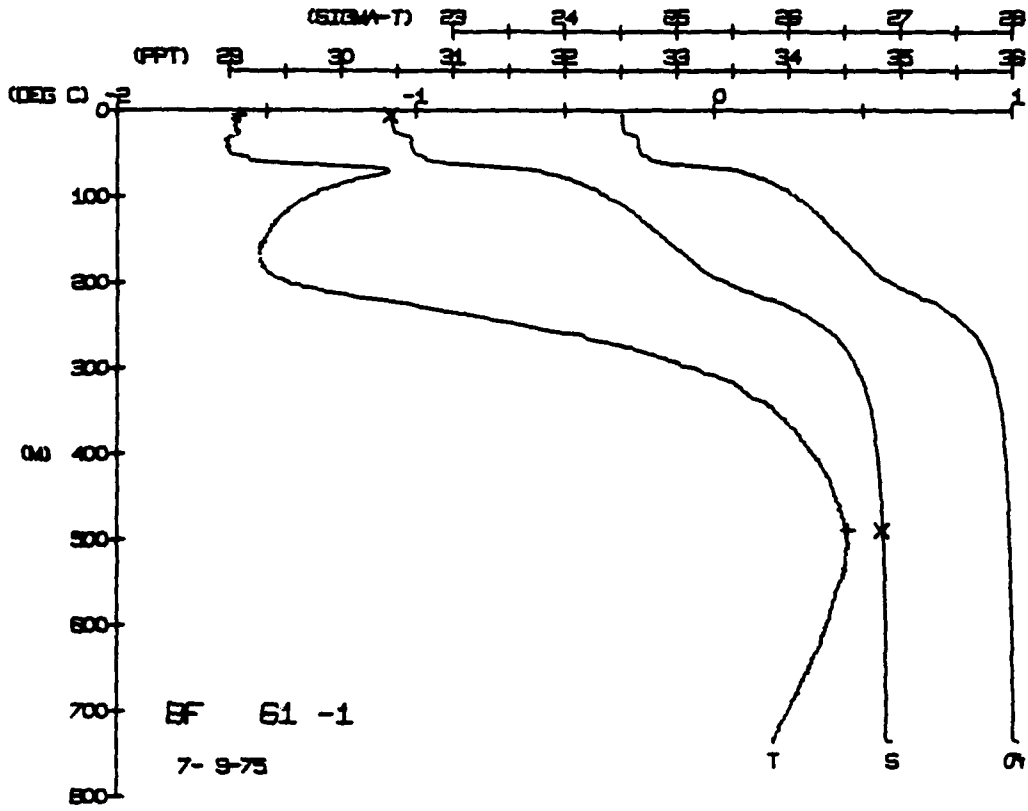


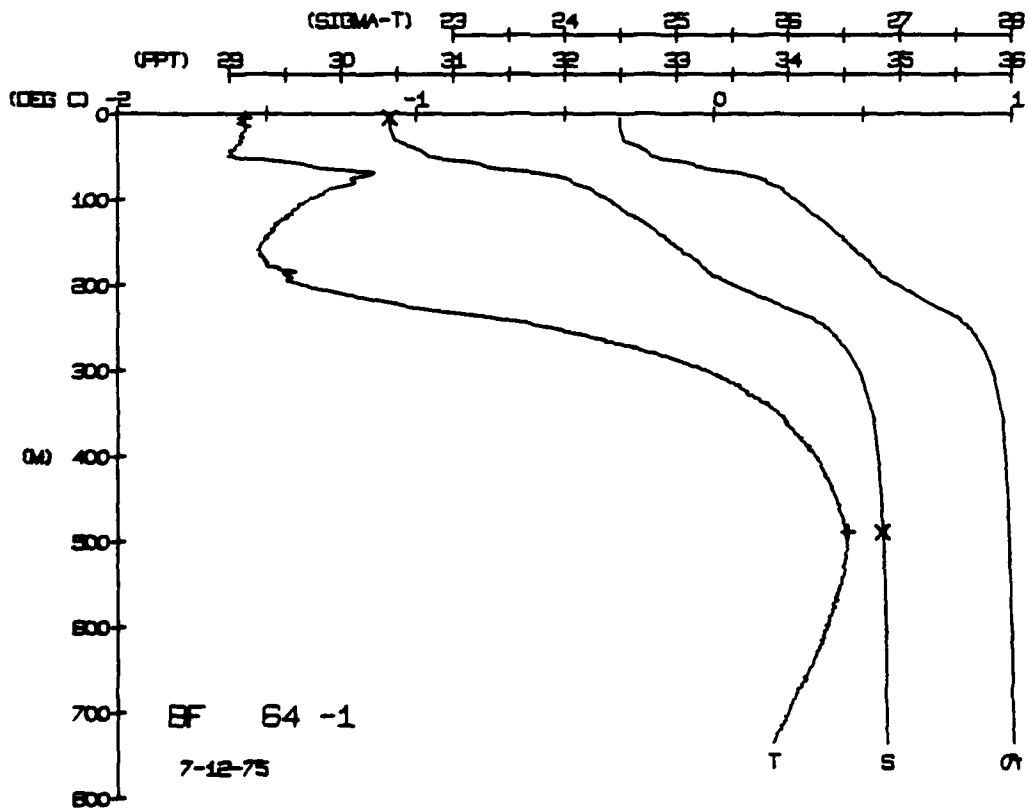
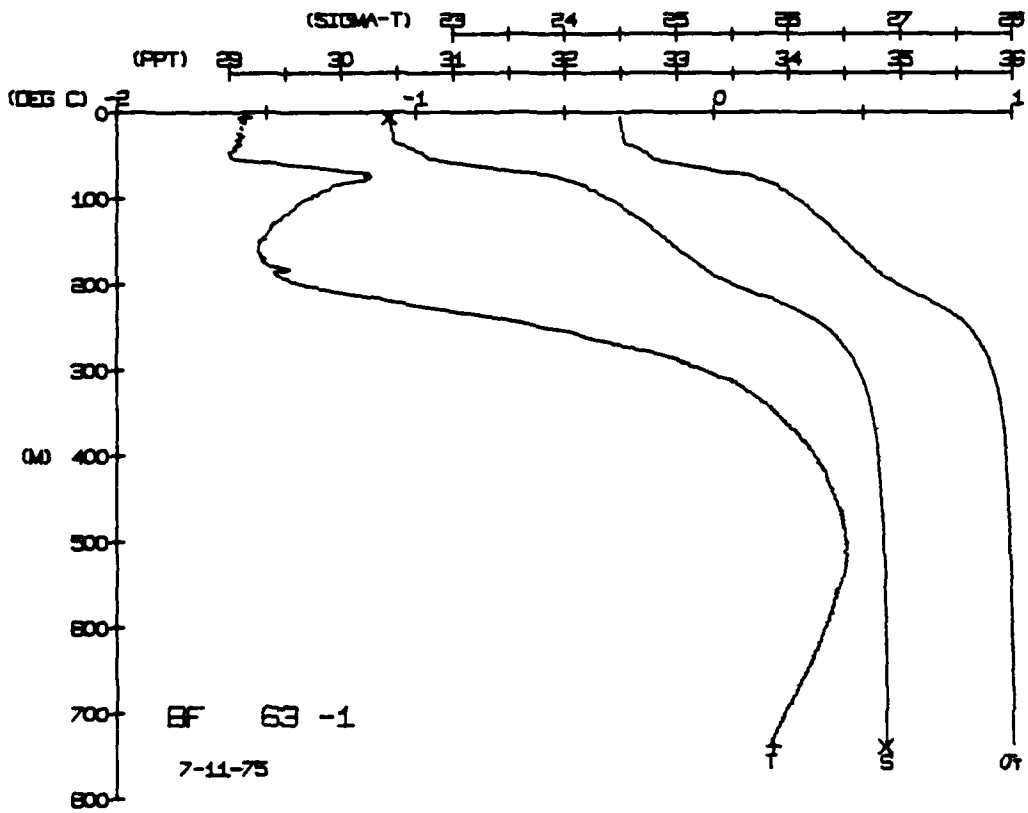












BLUE FOX STATION 65(1) CTD 13/JUL/1975 1800 GMT CODE = 3
LAT = 76.6253N LNG = 142.8479W LTR = 1.1 LGER = 1.1
AIR TEMP = 0.4 BARUM = 1017.5 WIND = 98.8 SPEED = 27.4

BLUE FOX STATION 66(1) CTD 14/JUL/1975 1800 GMT CODE = 3
LAT = 76.6256N LNG = 142.8046W LTR = 1.1 LGER = 2.2
AIR TEMP = 1.0 BARUM = 1016.2 WIND = 285.1 SPEED = 20.2

DEPTH	TEMP	PTEMP	SALIN	SIG T	SPVOL	DYNHT	SOUND
00	9.99	9.99	33.00	1.10	1.10	0.00	1435.0
05	9.99	9.99	33.00	1.10	1.10	0.00	1435.0
10	9.99	9.99	33.00	1.10	1.10	0.00	1435.0
15	9.99	9.99	33.00	1.10	1.10	0.00	1435.0
20	9.99	9.99	33.00	1.10	1.10	0.00	1435.0
25	9.99	9.99	33.00	1.10	1.10	0.00	1435.0
30	9.99	9.99	33.00	1.10	1.10	0.00	1435.0
35	9.99	9.99	33.00	1.10	1.10	0.00	1435.0
40	9.99	9.99	33.00	1.10	1.10	0.00	1435.0
45	9.99	9.99	33.00	1.10	1.10	0.00	1435.0
50	9.99	9.99	33.00	1.10	1.10	0.00	1435.0
55	9.99	9.99	33.00	1.10	1.10	0.00	1435.0
60	9.99	9.99	33.00	1.10	1.10	0.00	1435.0
65	9.99	9.99	33.00	1.10	1.10	0.00	1435.0
70	9.99	9.99	33.00	1.10	1.10	0.00	1435.0
75	9.99	9.99	33.00	1.10	1.10	0.00	1435.0
80	9.99	9.99	33.00	1.10	1.10	0.00	1435.0
85	9.99	9.99	33.00	1.10	1.10	0.00	1435.0
90	9.99	9.99	33.00	1.10	1.10	0.00	1435.0
95	9.99	9.99	33.00	1.10	1.10	0.00	1435.0
100	9.99	9.99	33.00	1.10	1.10	0.00	1435.0
105	9.99	9.99	33.00	1.10	1.10	0.00	1435.0
110	9.99	9.99	33.00	1.10	1.10	0.00	1435.0
115	9.99	9.99	33.00	1.10	1.10	0.00	1435.0
120	9.99	9.99	33.00	1.10	1.10	0.00	1435.0
125	9.99	9.99	33.00	1.10	1.10	0.00	1435.0
130	9.99	9.99	33.00	1.10	1.10	0.00	1435.0
135	9.99	9.99	33.00	1.10	1.10	0.00	1435.0
140	9.99	9.99	33.00	1.10	1.10	0.00	1435.0
145	9.99	9.99	33.00	1.10	1.10	0.00	1435.0
150	9.99	9.99	33.00	1.10	1.10	0.00	1435.0
155	9.99	9.99	33.00	1.10	1.10	0.00	1435.0
160	9.99	9.99	33.00	1.10	1.10	0.00	1435.0
165	9.99	9.99	33.00	1.10	1.10	0.00	1435.0
170	9.99	9.99	33.00	1.10	1.10	0.00	1435.0
175	9.99	9.99	33.00	1.10	1.10	0.00	1435.0
180	9.99	9.99	33.00	1.10	1.10	0.00	1435.0
185	9.99	9.99	33.00	1.10	1.10	0.00	1435.0
190	9.99	9.99	33.00	1.10	1.10	0.00	1435.0
195	9.99	9.99	33.00	1.10	1.10	0.00	1435.0
200	9.99	9.99	33.00	1.10	1.10	0.00	1435.0
205	9.99	9.99	33.00	1.10	1.10	0.00	1435.0
210	9.99	9.99	33.00	1.10	1.10	0.00	1435.0
215	9.99	9.99	33.00	1.10	1.10	0.00	1435.0
220	9.99	9.99	33.00	1.10	1.10	0.00	1435.0
225	9.99	9.99	33.00	1.10	1.10	0.00	1435.0
230	9.99	9.99	33.00	1.10	1.10	0.00	1435.0
235	9.99	9.99	33.00	1.10	1.10	0.00	1435.0
240	9.99	9.99	33.00	1.10	1.10	0.00	1435.0
245	9.99	9.99	33.00	1.10	1.10	0.00	1435.0
250	9.99	9.99	33.00	1.10	1.10	0.00	1435.0
255	9.99	9.99	33.00	1.10	1.10	0.00	1435.0
260	9.99	9.99	33.00	1.10	1.10	0.00	1435.0
265	9.99	9.99	33.00	1.10	1.10	0.00	1435.0
270	9.99	9.99	33.00	1.10	1.10	0.00	1435.0
275	9.99	9.99	33.00	1.10	1.10	0.00	1435.0
280	9.99	9.99	33.00	1.10	1.10	0.00	1435.0
285	9.99	9.99	33.00	1.10	1.10	0.00	1435.0
290	9.99	9.99	33.00	1.10	1.10	0.00	1435.0
295	9.99	9.99	33.00	1.10	1.10	0.00	1435.0
300	9.99	9.99	33.00	1.10	1.10	0.00	1435.0
305	9.99	9.99	33.00	1.10	1.10	0.00	1435.0
310	9.99	9.99	33.00	1.10	1.10	0.00	1435.0
315	9.99	9.99	33.00	1.10	1.10	0.00	1435.0
320	9.99	9.99	33.00	1.10	1.10	0.00	1435.0
325	9.99	9.99	33.00	1.10	1.10	0.00	1435.0
330	9.99	9.99	33.00	1.10	1.10	0.00	1435.0
335	9.99	9.99	33.00	1.10	1.10	0.00	1435.0
340	9.99	9.99	33.00	1.10	1.10	0.00	1435.0
345	9.99	9.99	33.00	1.10	1.10	0.00	1435.0
350	9.99	9.99	33.00	1.10	1.10	0.00	1435.0
355	9.99	9.99	33.00	1.10	1.10	0.00	1435.0
360	9.99	9.99	33.00	1.10	1.10	0.00	1435.0
365	9.99	9.99	33.00	1.10	1.10	0.00	1435.0
370	9.99	9.99	33.00	1.10	1.10	0.00	1435.0
375	9.99	9.99	33.00	1.10	1.10	0.00	1435.0
380	9.99	9.99	33.00	1.10	1.10	0.00	1435.0
385	9.99	9.99	33.00	1.10	1.10	0.00	1435.0
390	9.99	9.99	33.00	1.10	1.10	0.00	1435.0
395	9.99	9.99	33.00	1.10	1.10	0.00	1435.0
400	9.99	9.99	33.00	1.10	1.10	0.00	1435.0
405	9.99	9.99	33.00	1.10	1.10	0.00	1435.0
410	9.99	9.99	33.00	1.10	1.10	0.00	1435.0
415	9.99	9.99	33.00	1.10	1.10	0.00	1435.0
420	9.99	9.99	33.00	1.10	1.10	0.00	1435.0
425	9.99	9.99	33.00	1.10	1.10	0.00	1435.0
430	9.99	9.99	33.00	1.10	1.10	0.00	1435.0
435	9.99	9.99	33.00	1.10	1.10	0.00	1435.0
440	9.99	9.99	33.00	1.10	1.10	0.00	1435.0
445	9.99	9.99	33.00	1.10	1.10	0.00	1435.0
450	9.99	9.99	33.00	1.10	1.10	0.00	1435.0
455	9.99	9.99	33.00	1.10	1.10	0.00	1435.0
460	9.99	9.99	33.00	1.10	1.10	0.00	1435.0
465	9.99	9.99	33.00	1.10	1.10	0.00	1435.0
470	9.99	9.99	33.00	1.10	1.10	0.00	1435.0
475	9.99	9.99	33.00	1.10	1.10	0.00	1435.0
480	9.99	9.99	33.00	1.10	1.10	0.00	1435.0
485	9.99	9.99	33.00	1.10	1.10	0.00	1435.0
490	9.99	9.99	33.00	1.10	1.10	0.00	1435.0
495	9.99	9.99	33.00	1.10	1.10	0.00	1435.0
500	9.99	9.99	33.00	1.10	1.10	0.00	1435.0

DEPTH 00 05 10 15 20 25 30 35 40 45 50 55 60 65 70 75 80 85 90 95 100 105 110 115 120 125 130 135 140 145 150 155 160 165 170 175 180 185 190 195 200 205 210 215 220 225 230 235 240 245 250 255 260 265 270 275 280 285 290 295 300 305 310 315 320 325 330 335 340 345 350 355 360 365 370 375 380 385 390 395 400 405 410 415 420 425 430 435 440 445 450 455 460 465 470 475 480 485 490 495 500

TEMP. -1.58 -0.73

SALIN 30.42 34.24

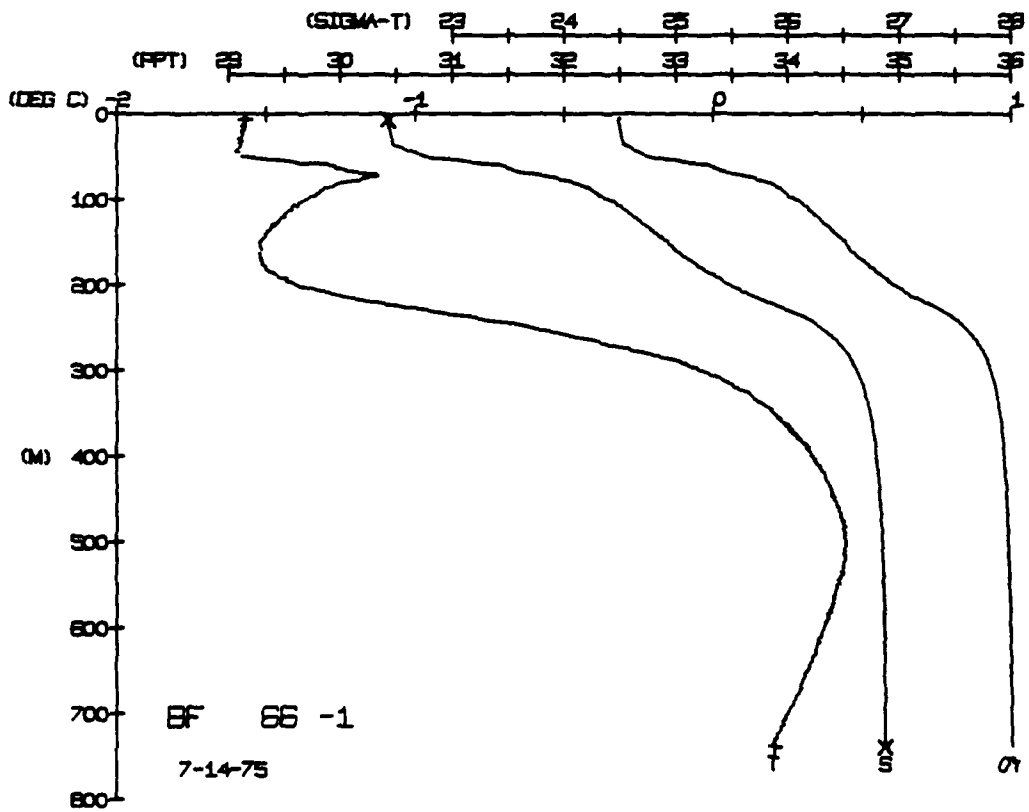
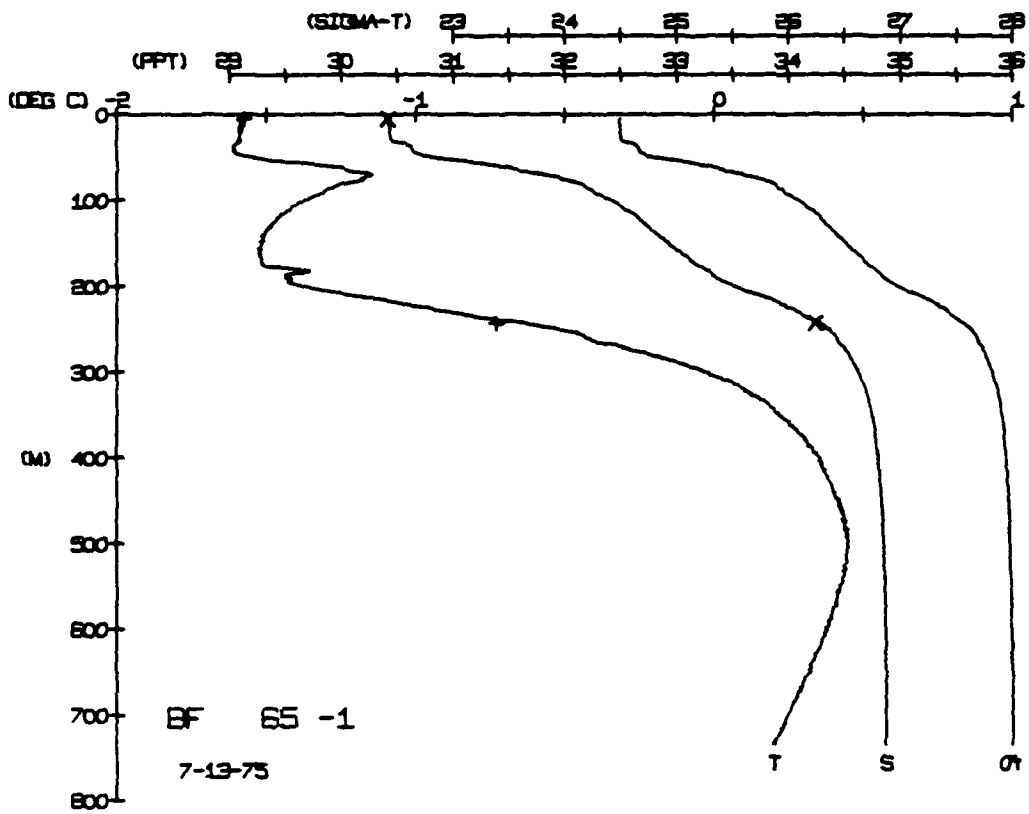
DEPTH 6.5 737.6

HUT NUM = 1 HUT NUM = 2

TEMP. -1.57 -0.71

SALIN 30.42 34.48

HUT NUM = 1 HUT NUM = 2



BLUE FOX STATION 6711) CTD 15/JUL/1975 1805 GMT CODE = 3
LAT = 76.5859N LMG = 142.8661W UGCR = 172.1
AIR TEMP = 1.0 BAROM = 1016.0 WIND = 285.1 SPEED = 20.2

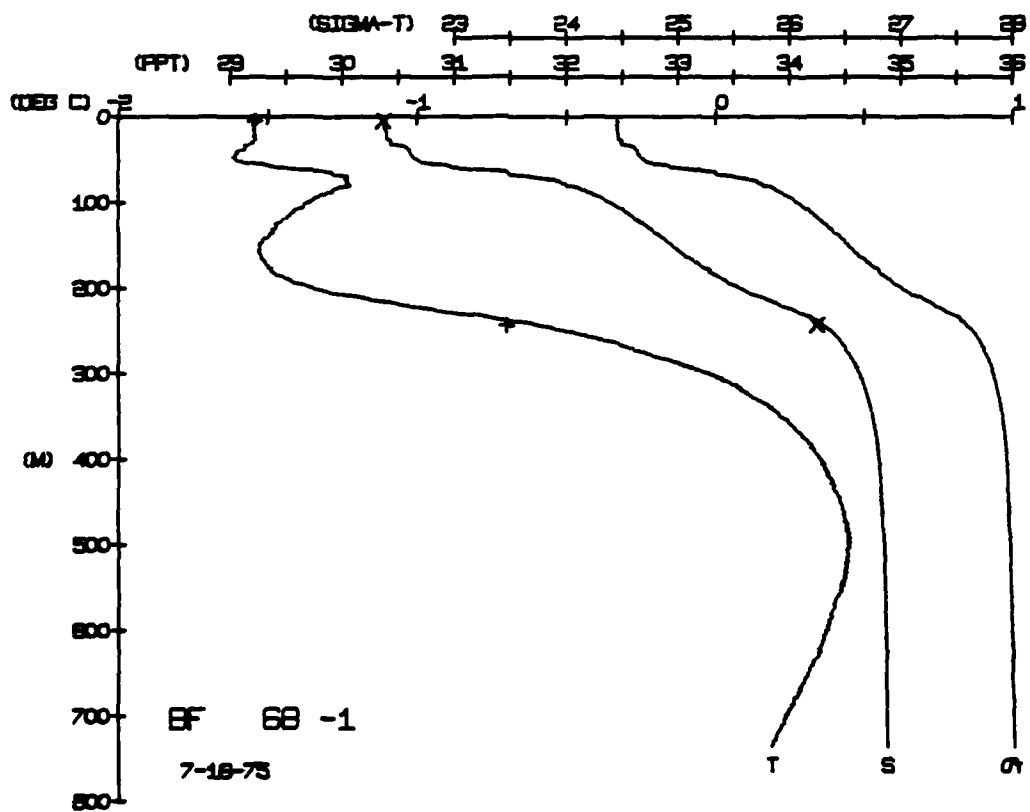
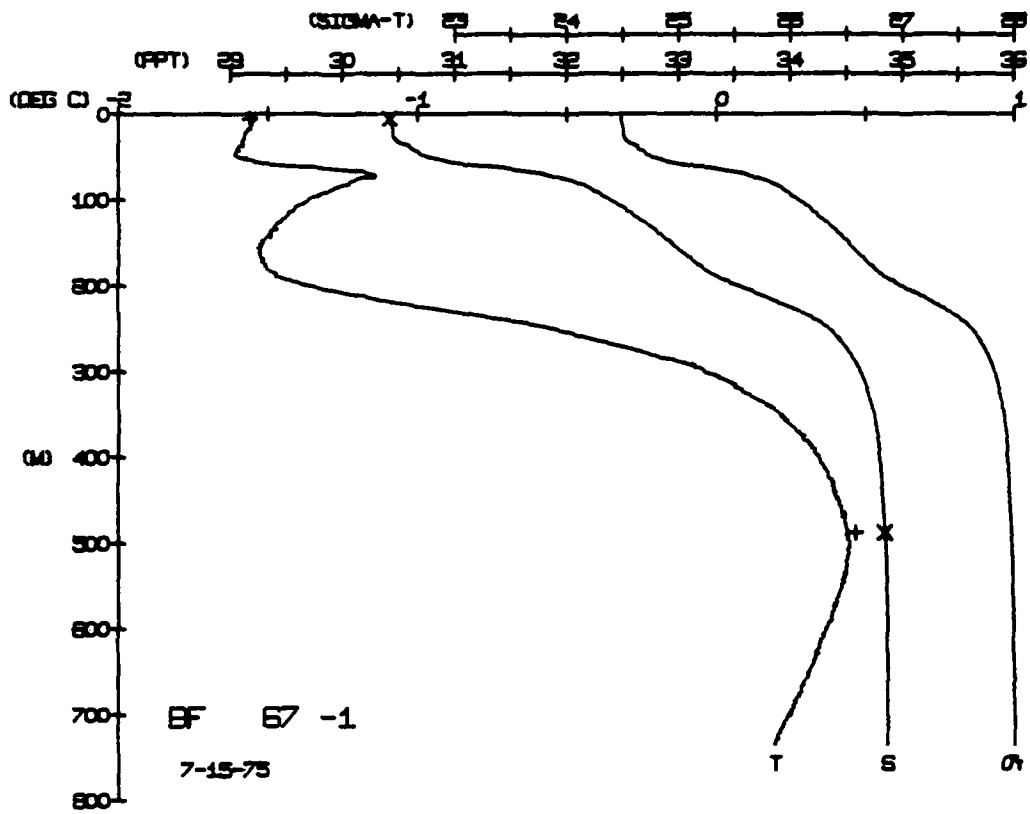
DEPTH	TEMP	PTEMP	SALIN	SIG T	SPVUL	DYMH1	SOUND
000	525	525	330	42	7	001	666
005	525	525	330	42	7	001	666
100	525	525	330	42	7	001	666
105	525	525	330	42	7	001	666
110	525	525	330	42	7	001	666
115	525	525	330	42	7	001	666
120	525	525	330	42	7	001	666
125	525	525	330	42	7	001	666
130	525	525	330	42	7	001	666
135	525	525	330	42	7	001	666
140	525	525	330	42	7	001	666
145	525	525	330	42	7	001	666
150	525	525	330	42	7	001	666
155	525	525	330	42	7	001	666
160	525	525	330	42	7	001	666
165	525	525	330	42	7	001	666
170	525	525	330	42	7	001	666
175	525	525	330	42	7	001	666
180	525	525	330	42	7	001	666
185	525	525	330	42	7	001	666
190	525	525	330	42	7	001	666
195	525	525	330	42	7	001	666
200	525	525	330	42	7	001	666
205	525	525	330	42	7	001	666
210	525	525	330	42	7	001	666
215	525	525	330	42	7	001	666
220	525	525	330	42	7	001	666
225	525	525	330	42	7	001	666
230	525	525	330	42	7	001	666
235	525	525	330	42	7	001	666
240	525	525	330	42	7	001	666
245	525	525	330	42	7	001	666
250	525	525	330	42	7	001	666
255	525	525	330	42	7	001	666
260	525	525	330	42	7	001	666
265	525	525	330	42	7	001	666
270	525	525	330	42	7	001	666
275	525	525	330	42	7	001	666
280	525	525	330	42	7	001	666
285	525	525	330	42	7	001	666
290	525	525	330	42	7	001	666
295	525	525	330	42	7	001	666
300	525	525	330	42	7	001	666

DEPTH 50.0 488.0
BOT NUM = 1
HUT NUM = 2
TEMP. -1.56 0.47
SALIN 30.82 34.85

BLUE FOX STATION 68(1) CTD 16/JUL/1975 1902 GMT CODE = 3
LAT = 76.6073N LMG = 142.7702W UGCR = 172.1
AIR TEMP = 0.9 BAROM = 1010.6 WIND = 304.1 SPEED = 71.2

DEPTH	TEMP	PTEMP	SALIN	SIG T	SPVUL	DYMH1	SOUND
000	525	525	330	44	8	000	677
005	525	525	330	44	8	000	677
100	525	525	330	44	8	000	677
105	525	525	330	44	8	000	677
110	525	525	330	44	8	000	677
115	525	525	330	44	8	000	677
120	525	525	330	44	8	000	677
125	525	525	330	44	8	000	677
130	525	525	330	44	8	000	677
135	525	525	330	44	8	000	677
140	525	525	330	44	8	000	677
145	525	525	330	44	8	000	677
150	525	525	330	44	8	000	677
155	525	525	330	44	8	000	677
160	525	525	330	44	8	000	677
165	525	525	330	44	8	000	677
170	525	525	330	44	8	000	677
175	525	525	330	44	8	000	677
180	525	525	330	44	8	000	677
185	525	525	330	44	8	000	677
190	525	525	330	44	8	000	677
195	525	525	330	44	8	000	677
200	525	525	330	44	8	000	677
205	525	525	330	44	8	000	677
210	525	525	330	44	8	000	677
215	525	525	330	44	8	000	677
220	525	525	330	44	8	000	677
225	525	525	330	44	8	000	677
230	525	525	330	44	8	000	677
235	525	525	330	44	8	000	677
240	525	525	330	44	8	000	677
245	525	525	330	44	8	000	677
250	525	525	330	44	8	000	677
255	525	525	330	44	8	000	677
260	525	525	330	44	8	000	677
265	525	525	330	44	8	000	677
270	525	525	330	44	8	000	677
275	525	525	330	44	8	000	677
280	525	525	330	44	8	000	677
285	525	525	330	44	8	000	677
290	525	525	330	44	8	000	677
295	525	525	330	44	8	000	677
300	525	525	330	44	8	000	677

DEPTH 245.7
BOT NUM = 1
HUT NUM = 2
TEMP. -1.54 -0.70
SALIN 30.38 34.28



BLUE FOX STATION 69(1) CTD 17/JUL/1975 1803 GMT CODE = 3
LAT = 76.4059N LMG = 142.6752W LTER = 1 LGER = 1
AIR TEMP = 1014.6 BARUM = 1014.6 WIND = 304.1 SPEED = 71.2

BLUE FOX STATION 70(1) CTD 18/JUL/1975 1802 GMT CODE = 3
LAT = 76.3385N LMG = 142.5952W LTER = 1 LGER = 27
AIR TEMP = 1012.5 BARUM = 1012.5 WIND = 315.2 SPEED = 83.0

DEPTH	TEMP	PTEMP	SALIN	SIG T	SPVOL	DYHHT	SOUND
0	0000	0000	30.31	0000	0000	0000	0000
1	0000	0000	30.31	0000	0000	0000	0000
2	0000	0000	30.31	0000	0000	0000	0000
3	0000	0000	30.31	0000	0000	0000	0000
4	0000	0000	30.31	0000	0000	0000	0000
5	0000	0000	30.31	0000	0000	0000	0000
6	0000	0000	30.31	0000	0000	0000	0000
7	0000	0000	30.31	0000	0000	0000	0000
8	0000	0000	30.31	0000	0000	0000	0000
9	0000	0000	30.31	0000	0000	0000	0000
10	0000	0000	30.31	0000	0000	0000	0000
11	0000	0000	30.31	0000	0000	0000	0000
12	0000	0000	30.31	0000	0000	0000	0000
13	0000	0000	30.31	0000	0000	0000	0000
14	0000	0000	30.31	0000	0000	0000	0000
15	0000	0000	30.31	0000	0000	0000	0000
16	0000	0000	30.31	0000	0000	0000	0000
17	0000	0000	30.31	0000	0000	0000	0000
18	0000	0000	30.31	0000	0000	0000	0000
19	0000	0000	30.31	0000	0000	0000	0000
20	0000	0000	30.31	0000	0000	0000	0000
21	0000	0000	30.31	0000	0000	0000	0000
22	0000	0000	30.31	0000	0000	0000	0000
23	0000	0000	30.31	0000	0000	0000	0000
24	0000	0000	30.31	0000	0000	0000	0000
25	0000	0000	30.31	0000	0000	0000	0000
26	0000	0000	30.31	0000	0000	0000	0000
27	0000	0000	30.31	0000	0000	0000	0000
28	0000	0000	30.31	0000	0000	0000	0000
29	0000	0000	30.31	0000	0000	0000	0000
30	0000	0000	30.31	0000	0000	0000	0000
31	0000	0000	30.31	0000	0000	0000	0000
32	0000	0000	30.31	0000	0000	0000	0000
33	0000	0000	30.31	0000	0000	0000	0000
34	0000	0000	30.31	0000	0000	0000	0000
35	0000	0000	30.31	0000	0000	0000	0000
36	0000	0000	30.31	0000	0000	0000	0000
37	0000	0000	30.31	0000	0000	0000	0000
38	0000	0000	30.31	0000	0000	0000	0000
39	0000	0000	30.31	0000	0000	0000	0000
40	0000	0000	30.31	0000	0000	0000	0000
41	0000	0000	30.31	0000	0000	0000	0000
42	0000	0000	30.31	0000	0000	0000	0000
43	0000	0000	30.31	0000	0000	0000	0000
44	0000	0000	30.31	0000	0000	0000	0000
45	0000	0000	30.31	0000	0000	0000	0000
46	0000	0000	30.31	0000	0000	0000	0000
47	0000	0000	30.31	0000	0000	0000	0000
48	0000	0000	30.31	0000	0000	0000	0000
49	0000	0000	30.31	0000	0000	0000	0000
50	0000	0000	30.31	0000	0000	0000	0000
51	0000	0000	30.31	0000	0000	0000	0000
52	0000	0000	30.31	0000	0000	0000	0000
53	0000	0000	30.31	0000	0000	0000	0000
54	0000	0000	30.31	0000	0000	0000	0000
55	0000	0000	30.31	0000	0000	0000	0000
56	0000	0000	30.31	0000	0000	0000	0000
57	0000	0000	30.31	0000	0000	0000	0000
58	0000	0000	30.31	0000	0000	0000	0000
59	0000	0000	30.31	0000	0000	0000	0000
60	0000	0000	30.31	0000	0000	0000	0000
61	0000	0000	30.31	0000	0000	0000	0000
62	0000	0000	30.31	0000	0000	0000	0000
63	0000	0000	30.31	0000	0000	0000	0000
64	0000	0000	30.31	0000	0000	0000	0000
65	0000	0000	30.31	0000	0000	0000	0000
66	0000	0000	30.31	0000	0000	0000	0000
67	0000	0000	30.31	0000	0000	0000	0000
68	0000	0000	30.31	0000	0000	0000	0000
69	0000	0000	30.31	0000	0000	0000	0000
70	0000	0000	30.31	0000	0000	0000	0000
71	0000	0000	30.31	0000	0000	0000	0000
72	0000	0000	30.31	0000	0000	0000	0000
73	0000	0000	30.31	0000	0000	0000	0000
74	0000	0000	30.31	0000	0000	0000	0000
75	0000	0000	30.31	0000	0000	0000	0000
76	0000	0000	30.31	0000	0000	0000	0000
77	0000	0000	30.31	0000	0000	0000	0000
78	0000	0000	30.31	0000	0000	0000	0000
79	0000	0000	30.31	0000	0000	0000	0000
80	0000	0000	30.31	0000	0000	0000	0000
81	0000	0000	30.31	0000	0000	0000	0000
82	0000	0000	30.31	0000	0000	0000	0000
83	0000	0000	30.31	0000	0000	0000	0000
84	0000	0000	30.31	0000	0000	0000	0000
85	0000	0000	30.31	0000	0000	0000	0000
86	0000	0000	30.31	0000	0000	0000	0000
87	0000	0000	30.31	0000	0000	0000	0000
88	0000	0000	30.31	0000	0000	0000	0000
89	0000	0000	30.31	0000	0000	0000	0000
90	0000	0000	30.31	0000	0000	0000	0000
91	0000	0000	30.31	0000	0000	0000	0000
92	0000	0000	30.31	0000	0000	0000	0000
93	0000	0000	30.31	0000	0000	0000	0000
94	0000	0000	30.31	0000	0000	0000	0000
95	0000	0000	30.31	0000	0000	0000	0000
96	0000	0000	30.31	0000	0000	0000	0000
97	0000	0000	30.31	0000	0000	0000	0000
98	0000	0000	30.31	0000	0000	0000	0000
99	0000	0000	30.31	0000	0000	0000	0000
100	0000	0000	30.31	0000	0000	0000	0000

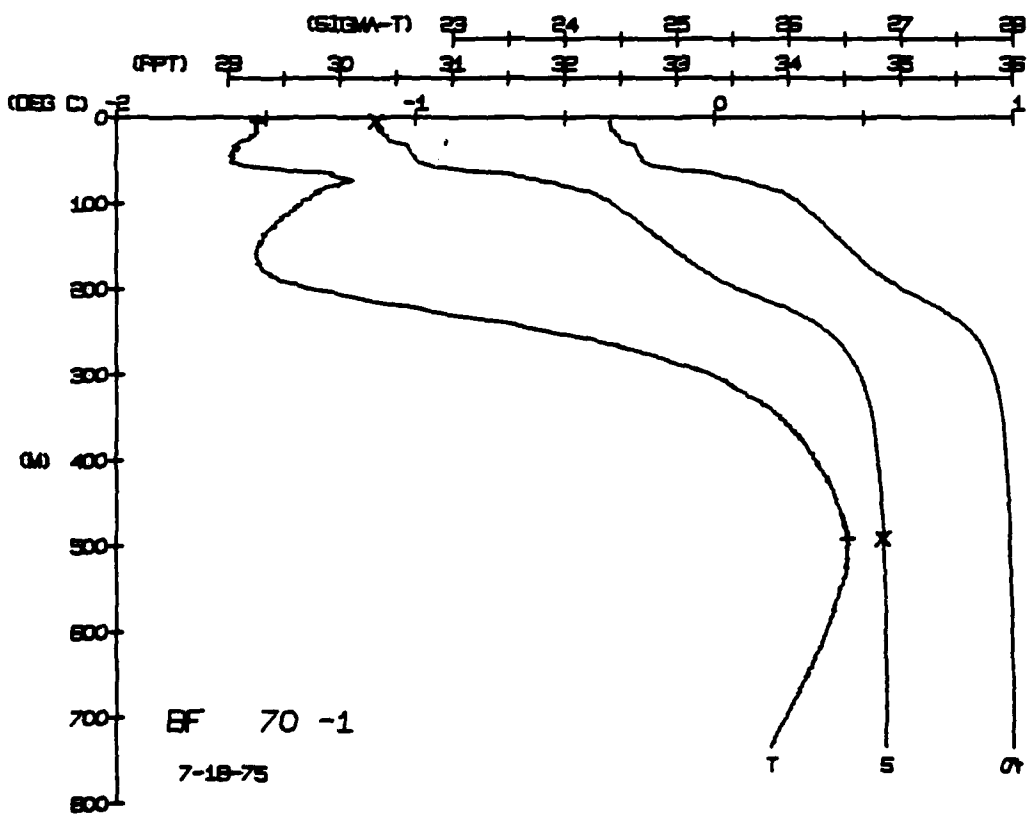
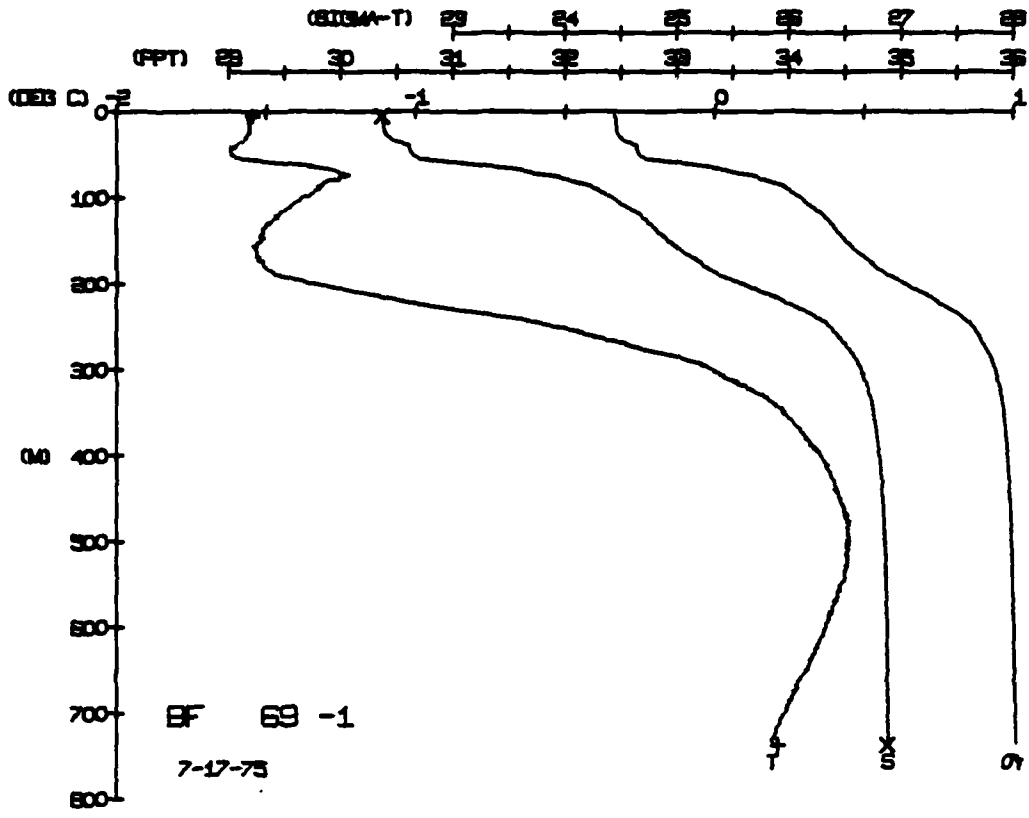
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TEMP. -1.54 -0.21 -1.53 -0.45

SALIN 30.36 34.88 30.31 34.85

DEPTH 490.2

BOI NUM = 1
BOT NUM = 2



BLUE FOX STATION 71(1) CTD 19/JUL/1975 1800 GMT CODE = 3
LAT = 76.2288N LMG = 142.6431W LTER = 0.0 LGER = 0.0
AIR TEMP = 0.2 BAROM = 1014.1 WIND = 315.2 SPEED = 83.0

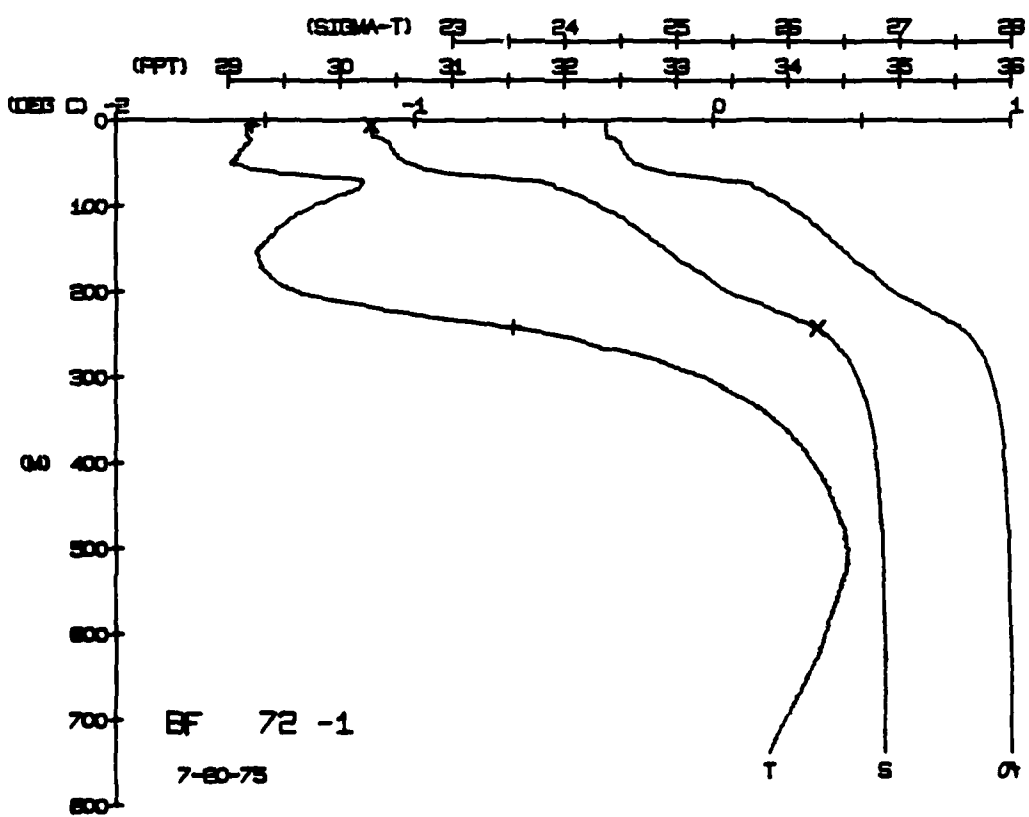
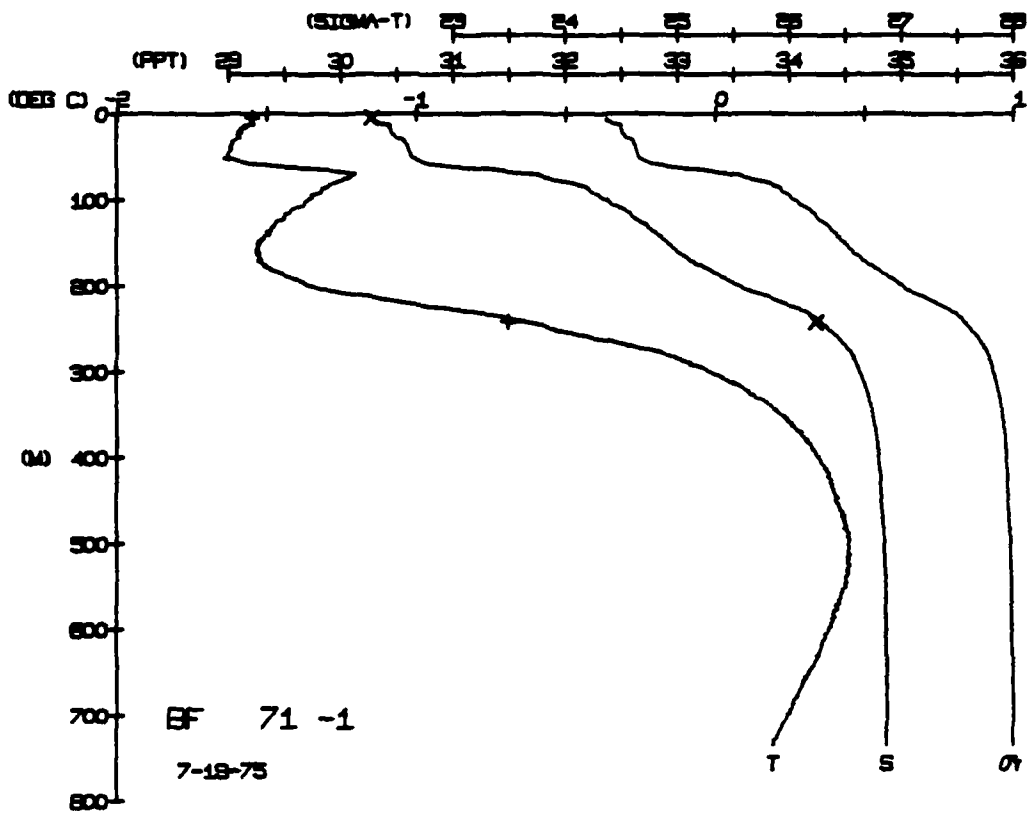
DEPTH	TEMP	PTEMP	SALIN	SIG T	SPVUL	DYHNT	SOUND
00	00.00	00.00	30.27	00	00	00	00
05	00.00	00.00	30.27	00	00	00	00
10	00.00	00.00	30.27	00	00	00	00
15	00.00	00.00	30.27	00	00	00	00
20	00.00	00.00	30.27	00	00	00	00
25	00.00	00.00	30.27	00	00	00	00
30	00.00	00.00	30.27	00	00	00	00
35	00.00	00.00	30.27	00	00	00	00
40	00.00	00.00	30.27	00	00	00	00
45	00.00	00.00	30.27	00	00	00	00
50	00.00	00.00	30.27	00	00	00	00
55	00.00	00.00	30.27	00	00	00	00
60	00.00	00.00	30.27	00	00	00	00
65	00.00	00.00	30.27	00	00	00	00
70	00.00	00.00	30.27	00	00	00	00
75	00.00	00.00	30.27	00	00	00	00
80	00.00	00.00	30.27	00	00	00	00
85	00.00	00.00	30.27	00	00	00	00
90	00.00	00.00	30.27	00	00	00	00
95	00.00	00.00	30.27	00	00	00	00
100	00.00	00.00	30.27	00	00	00	00

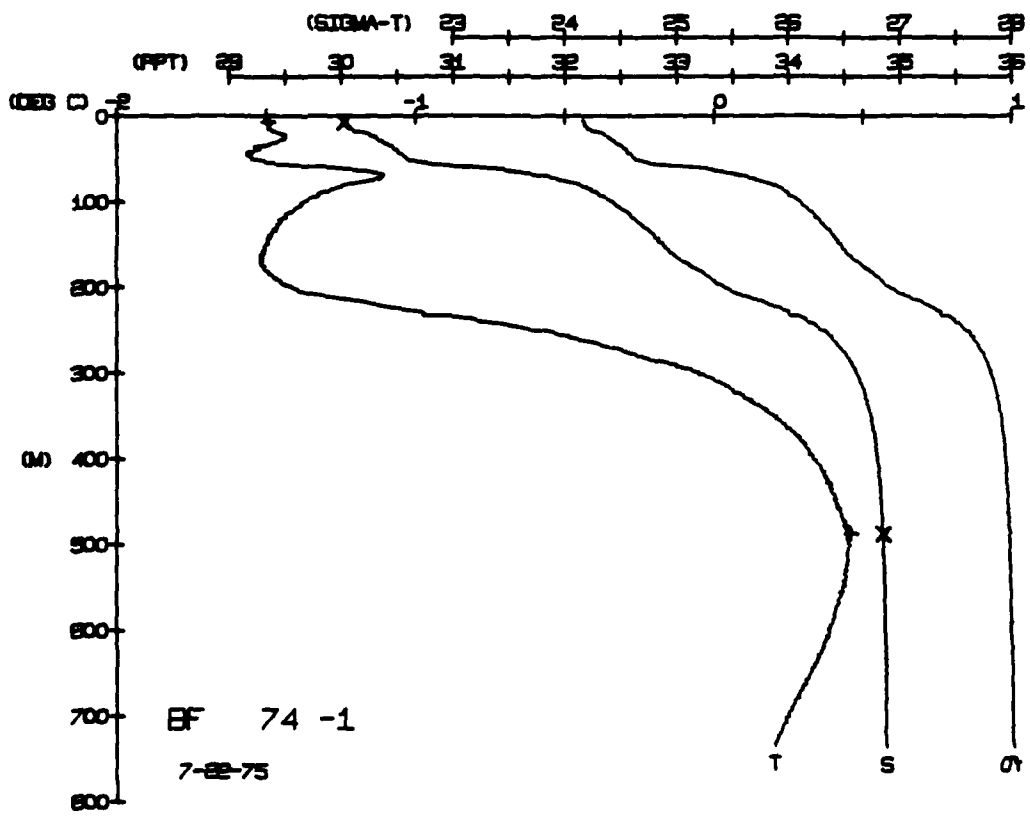
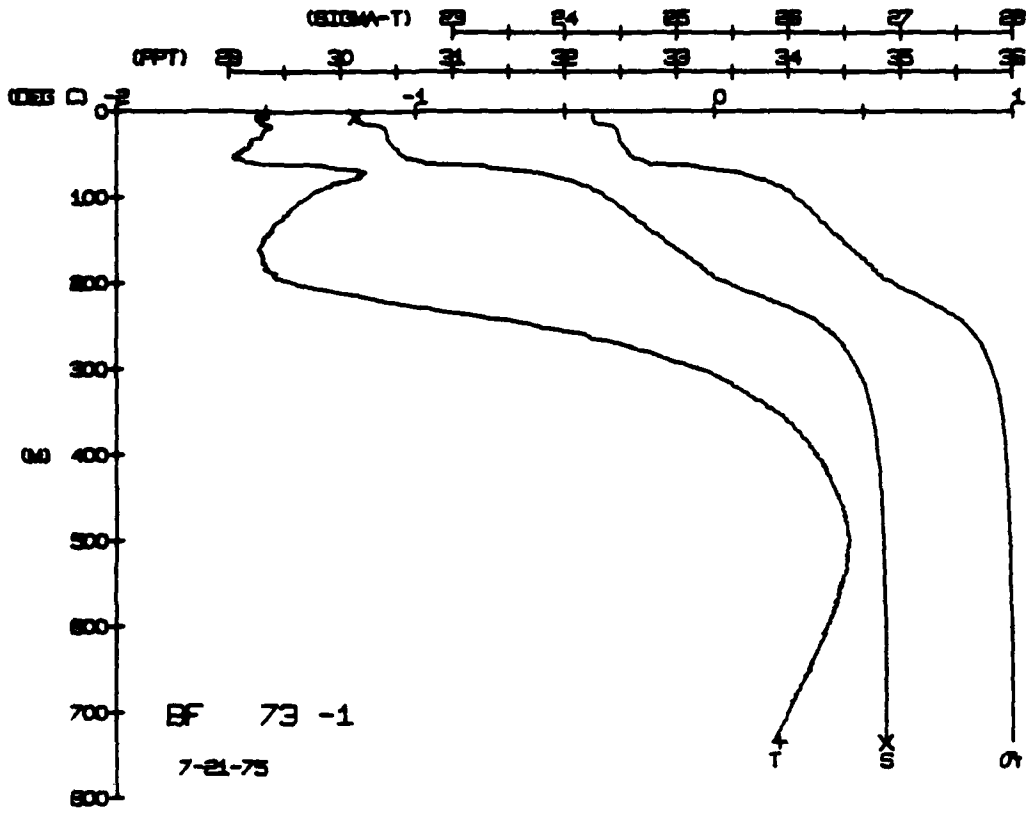
DEPTH 30.27
TEMP -1.54
PTEMP -0.69
SALIN 30.27
SIG T 6.0
SPVUL 241.5
DYHNT 1
SOUND 1

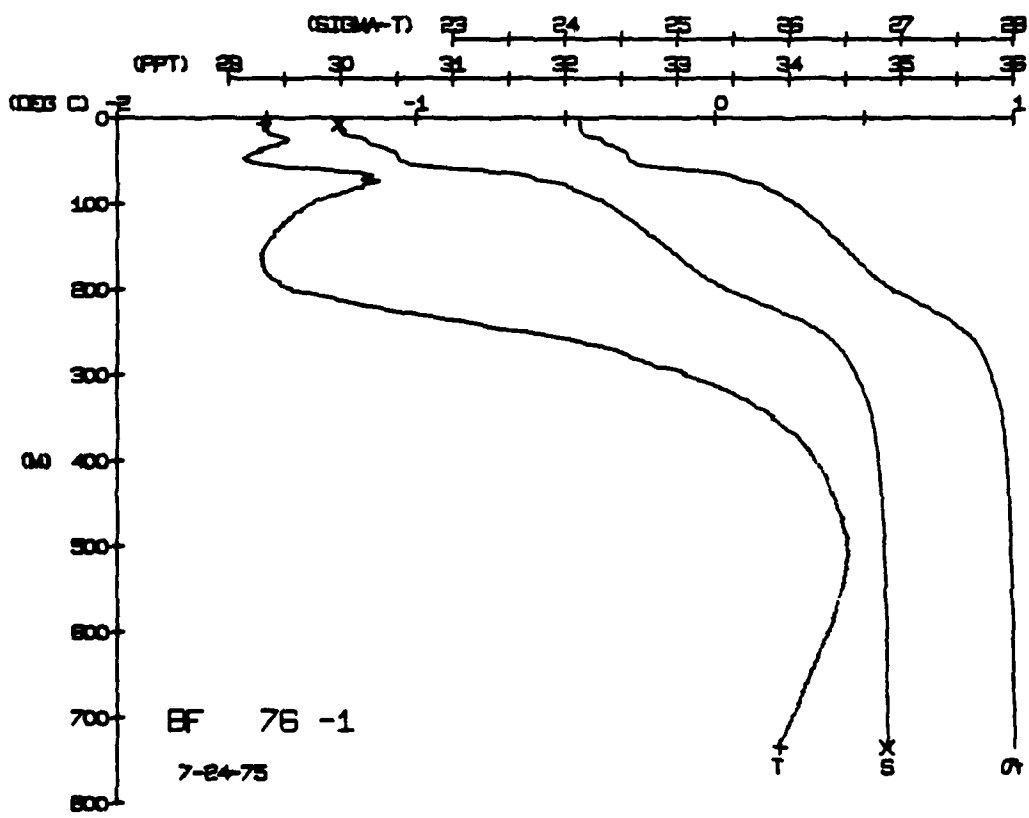
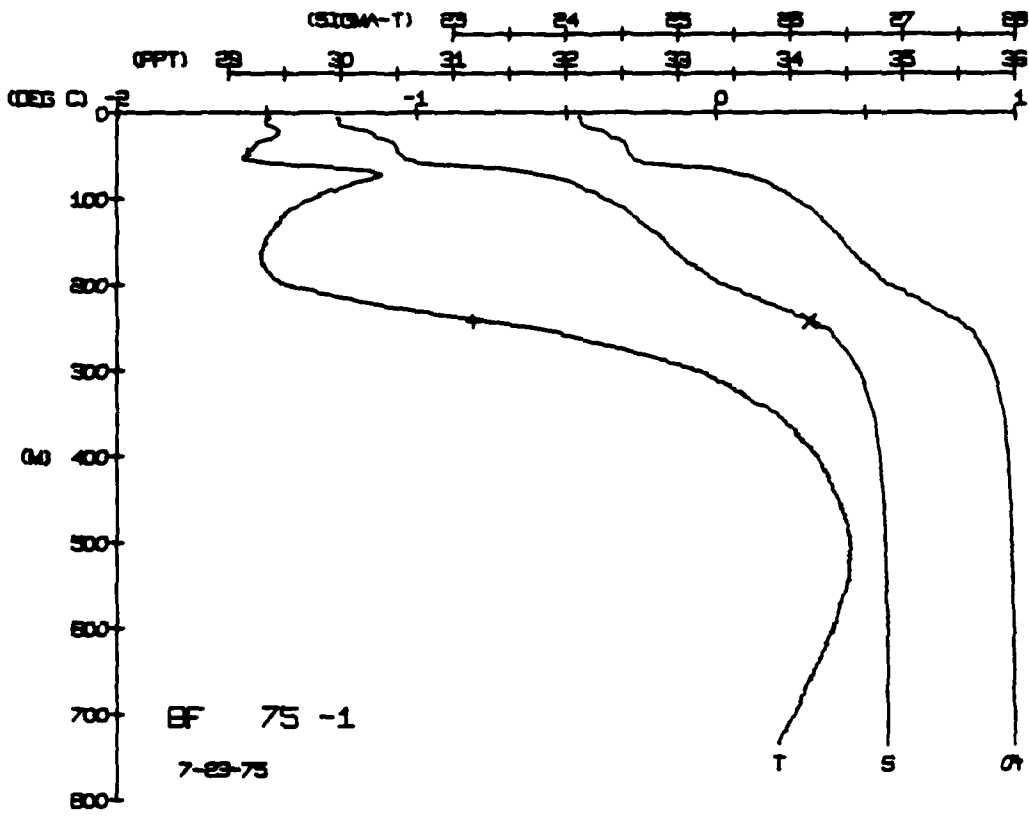
BLUE FOX STATION 72(1) CTD 20/JUL/1975 1800 GMT CODE = 3
LAT = 76.1254N LMG = 142.5326W LTER = 1.1 LGER = 1.1
AIR TEMP = 0.5 BAROM = 1008.5 WIND = 305.8 SPEED = 84.4

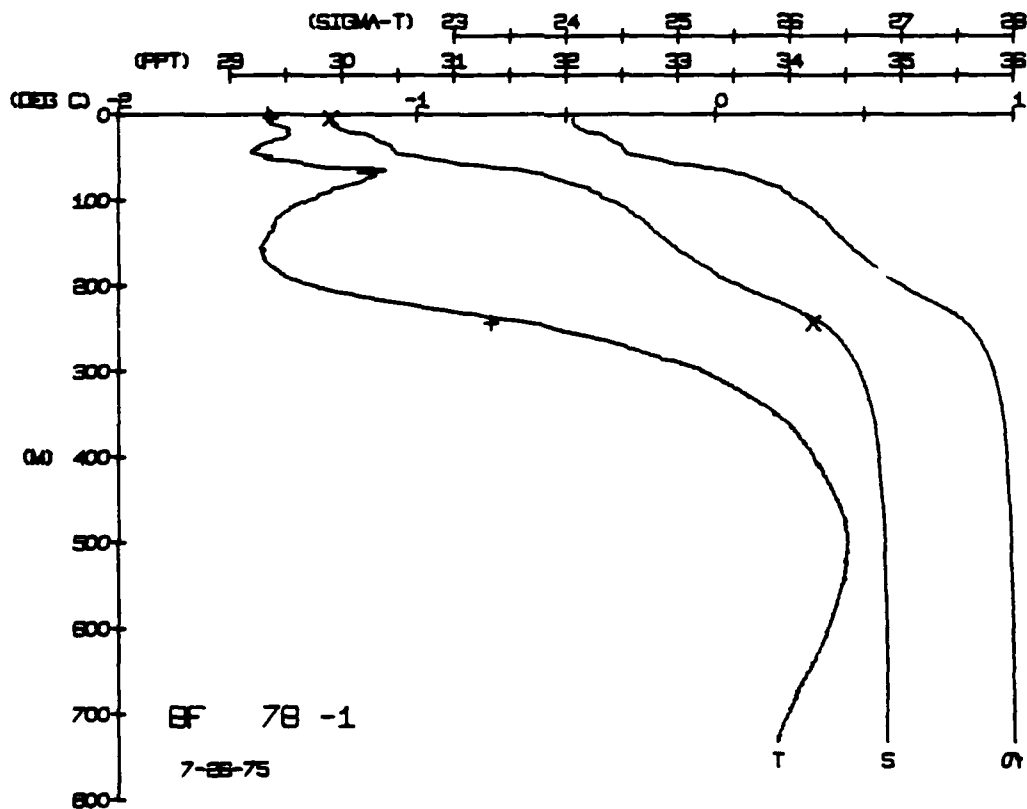
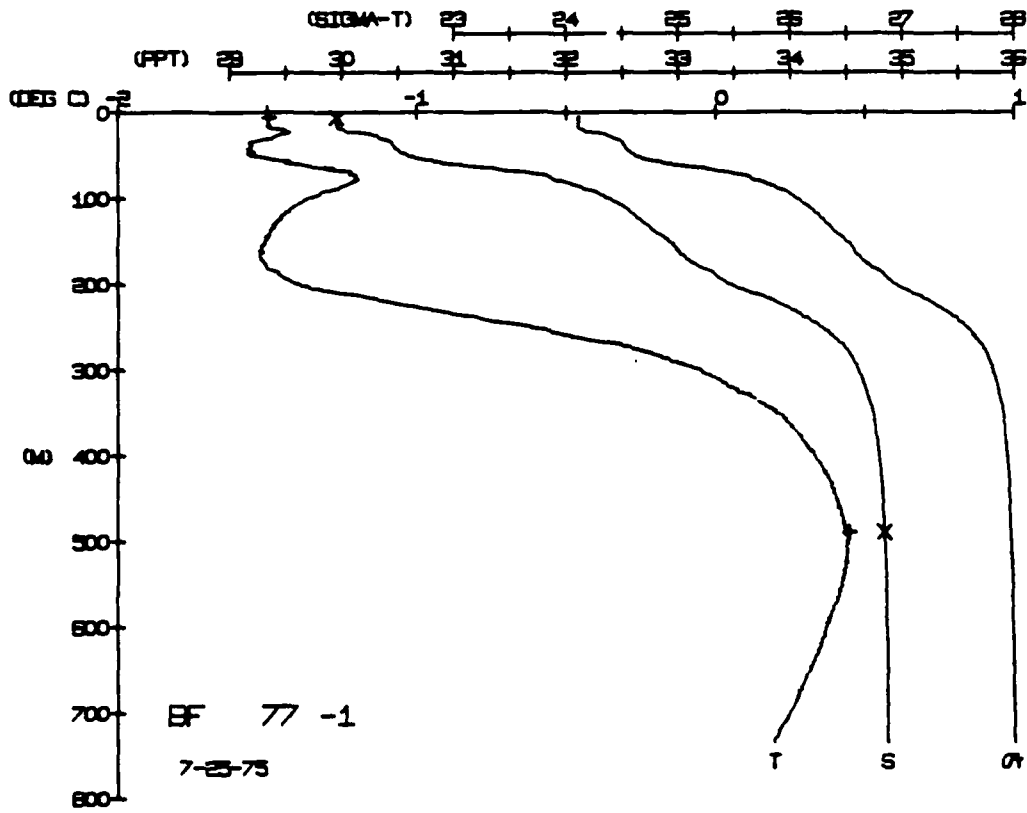
DEPTH	TEMP	PTEMP	SALIN	SIG T	SPVUL	DYHNT	SOUND
00	00.00	00.00	30.27	00	00	00	00
05	00.00	00.00	30.27	00	00	00	00
10	00.00	00.00	30.27	00	00	00	00
15	00.00	00.00	30.27	00	00	00	00
20	00.00	00.00	30.27	00	00	00	00
25	00.00	00.00	30.27	00	00	00	00
30	00.00	00.00	30.27	00	00	00	00
35	00.00	00.00	30.27	00	00	00	00
40	00.00	00.00	30.27	00	00	00	00
45	00.00	00.00	30.27	00	00	00	00
50	00.00	00.00	30.27	00	00	00	00
55	00.00	00.00	30.27	00	00	00	00
60	00.00	00.00	30.27	00	00	00	00
65	00.00	00.00	30.27	00	00	00	00
70	00.00	00.00	30.27	00	00	00	00
75	00.00	00.00	30.27	00	00	00	00
80	00.00	00.00	30.27	00	00	00	00
85	00.00	00.00	30.27	00	00	00	00
90	00.00	00.00	30.27	00	00	00	00
95	00.00	00.00	30.27	00	00	00	00
100	00.00	00.00	30.27	00	00	00	00

DEPTH 30.27
TEMP -1.54
PTEMP -0.67
SALIN 30.27
SIG T 6.0
SPVUL 241.5
DYHNT 1
SOUND 1









BLUE FOX STATION 79(1) CTD 27/JUL/1975 1806 GMT CODE = 3
 LAT = 75.6432N LMG = 142.922W UTM = 1000000 UTM = 1000000
 AIR TEMP = -0.4 BARUM = 1002.8 WIND = 298.9 SPEED = 53.9

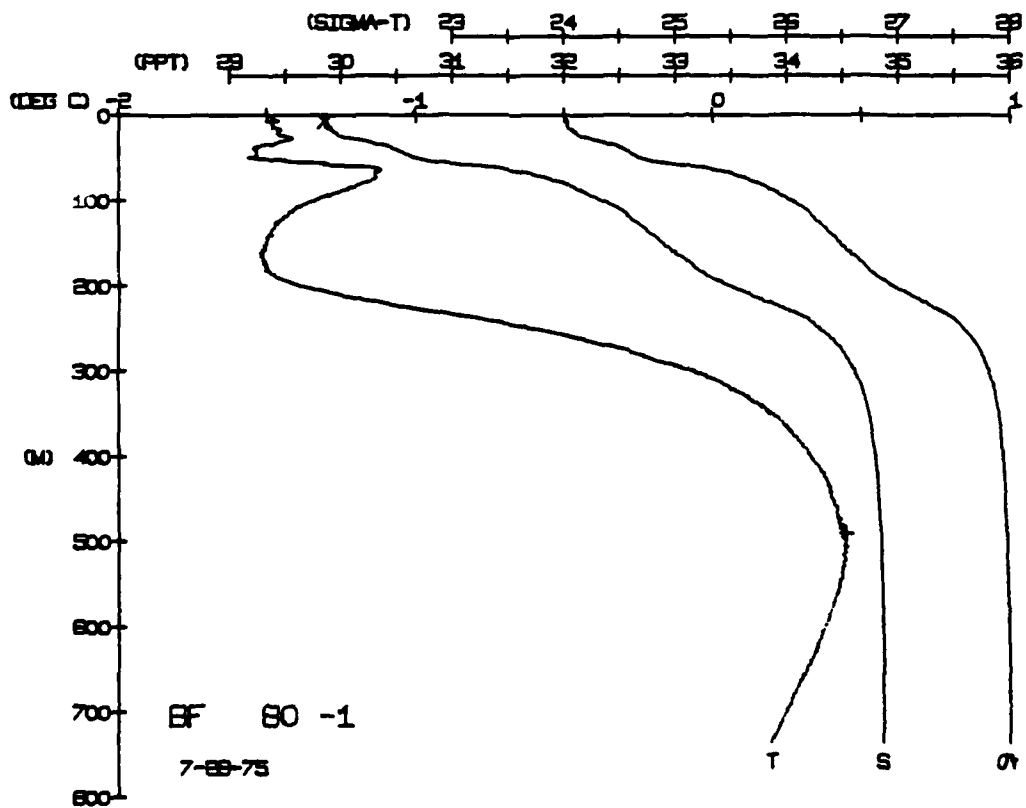
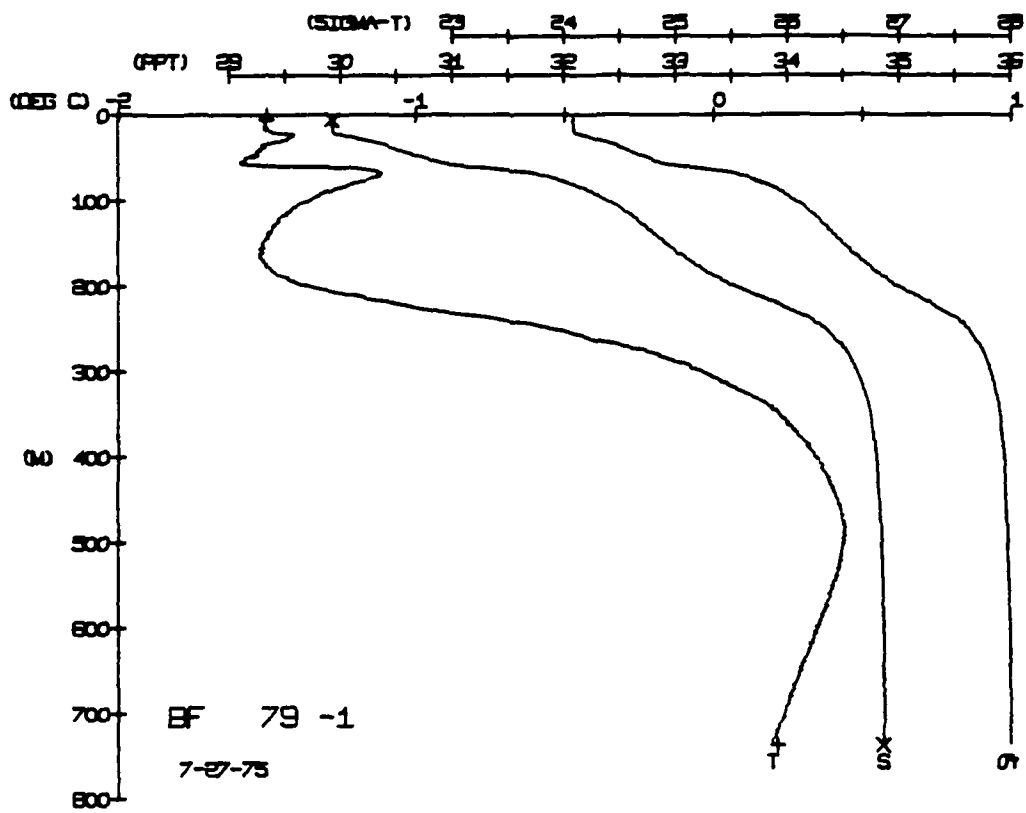
DEPTH	TEMP	PTEMP	SALIN	SIG T	SPVUL	DYNHT	SOUND
0.0	51.51	51.51	29.93	24.09	383.8	0.000	1435.1
5.0	51.51	51.51	29.93	24.09	383.0	0.000	1435.2
10.0	51.51	51.51	29.93	24.09	382.2	0.000	1435.3
15.0	51.51	51.51	29.93	24.09	377.0	0.000	1435.4
20.0	51.51	51.51	29.93	24.09	372.0	0.000	1435.5
25.0	51.51	51.51	29.93	24.09	366.0	0.000	1435.6
30.0	51.51	51.51	29.93	24.09	339.0	0.000	1435.7
35.0	51.51	51.51	29.93	24.09	330.0	0.000	1435.8
40.0	51.51	51.51	29.93	24.09	310.0	0.000	1435.9
45.0	51.51	51.51	29.93	24.09	292.0	0.000	1436.0
50.0	51.51	51.51	29.93	24.09	274.0	0.000	1436.1
55.0	51.51	51.51	29.93	24.09	261.0	0.000	1436.2
60.0	51.51	51.51	29.93	24.09	241.0	0.000	1436.3
65.0	51.51	51.51	29.93	24.09	224.0	0.000	1436.4
70.0	51.51	51.51	29.93	24.09	204.0	0.000	1436.5
75.0	51.51	51.51	29.93	24.09	184.0	0.000	1436.6
80.0	51.51	51.51	29.93	24.09	166.0	0.000	1436.7
85.0	51.51	51.51	29.93	24.09	152.0	0.000	1436.8
90.0	51.51	51.51	29.93	24.09	137.0	0.000	1436.9
95.0	51.51	51.51	29.93	24.09	121.0	0.000	1437.0
100.0	51.51	51.51	29.93	24.09	104.0	0.000	1437.1
105.0	51.51	51.51	29.93	24.09	87.0	0.000	1437.2
110.0	51.51	51.51	29.93	24.09	70.0	0.000	1437.3
115.0	51.51	51.51	29.93	24.09	53.0	0.000	1437.4
120.0	51.51	51.51	29.93	24.09	36.0	0.000	1437.5
125.0	51.51	51.51	29.93	24.09	19.0	0.000	1437.6
130.0	51.51	51.51	29.93	24.09	2.0	0.000	1437.7

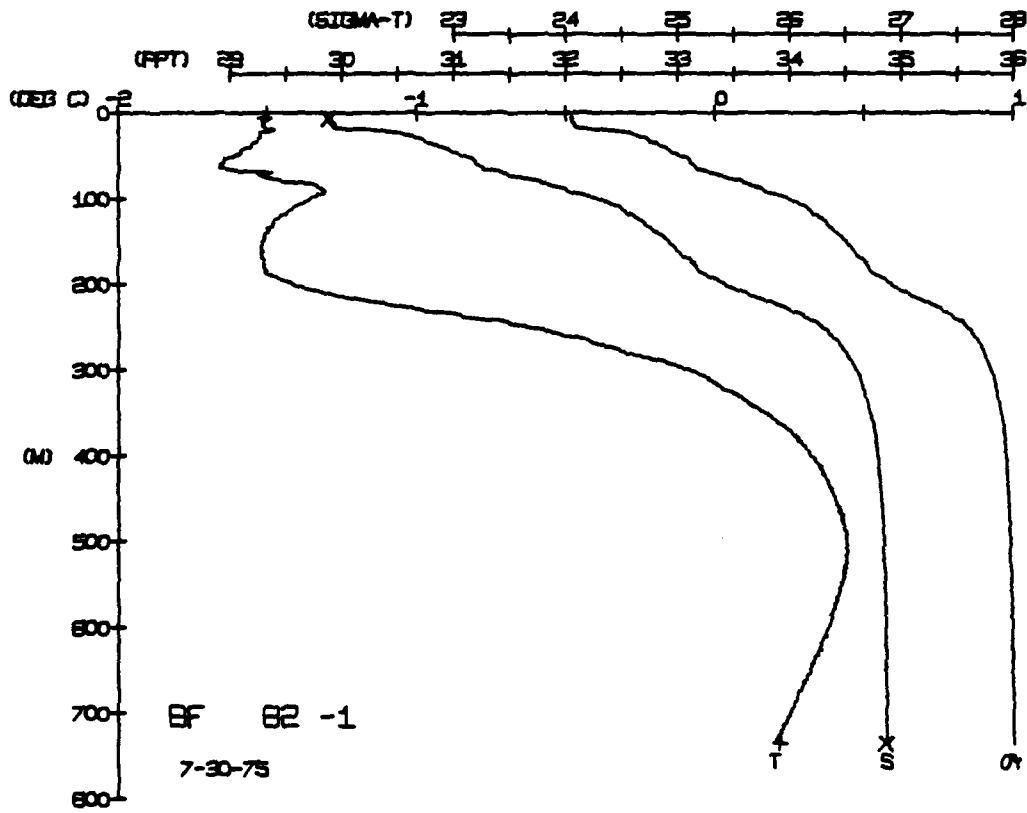
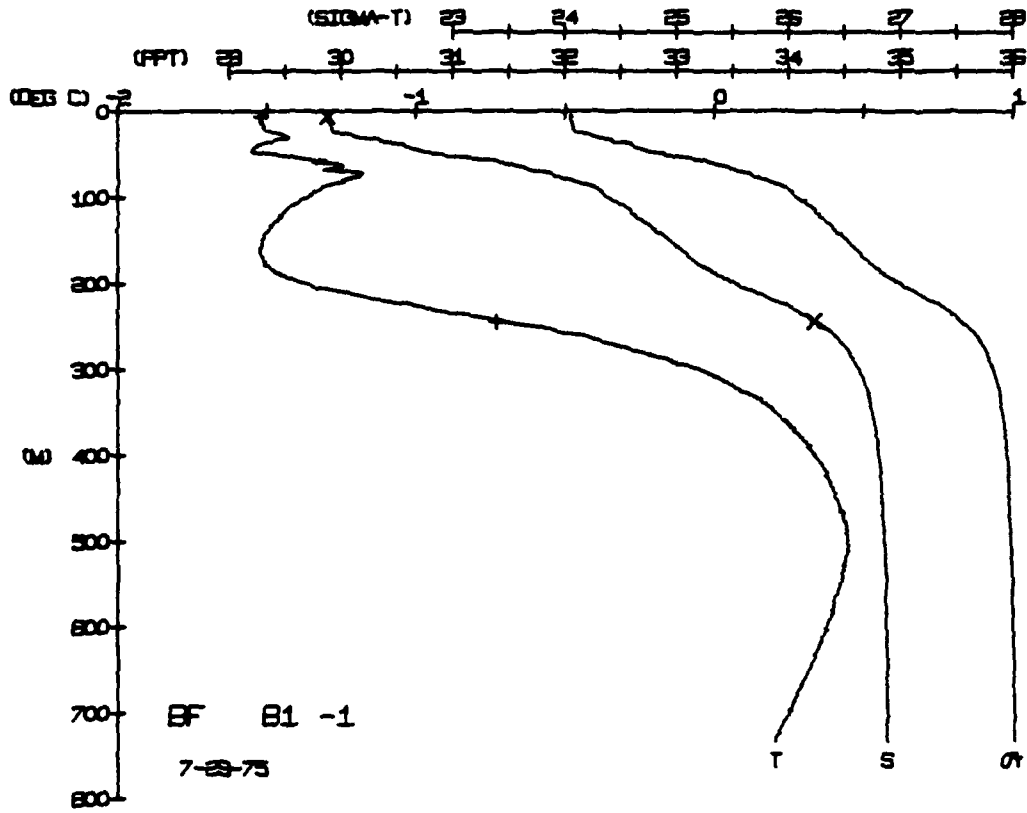
DEPTH TEMP BUT NUM = 1
 PTEMP ROT NUM = 2
 SALIN -1.50
 TEMP -0.22
 DYNHT 736.2
 SOUND 29.93
 34.87

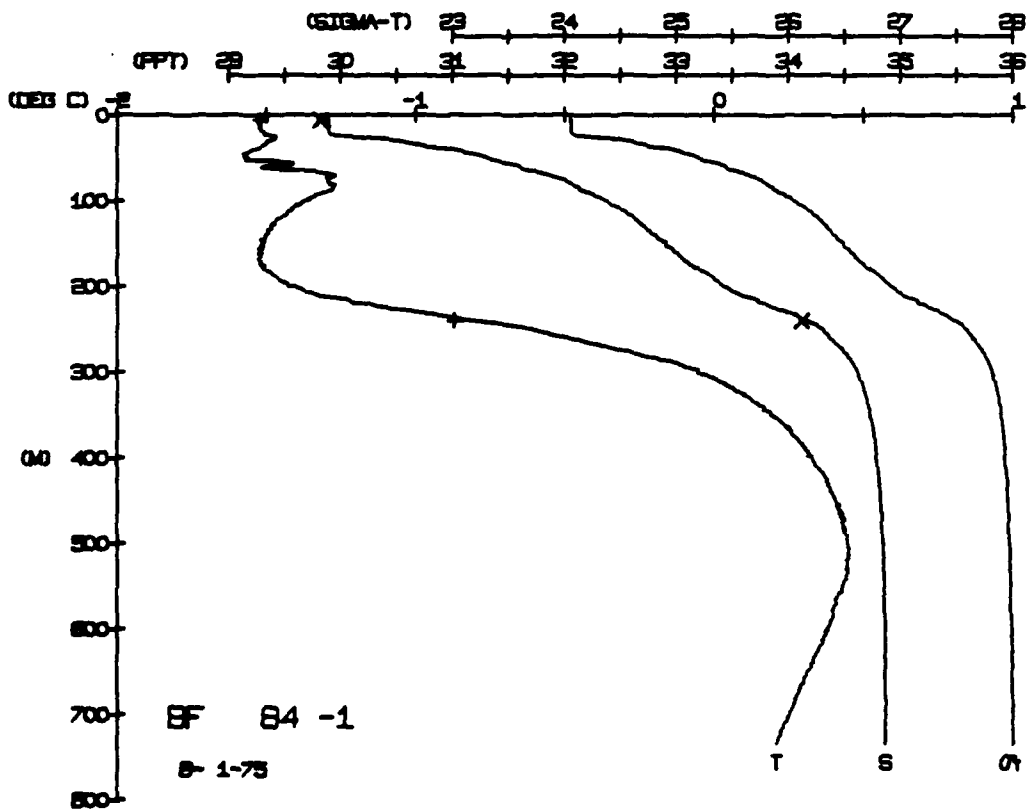
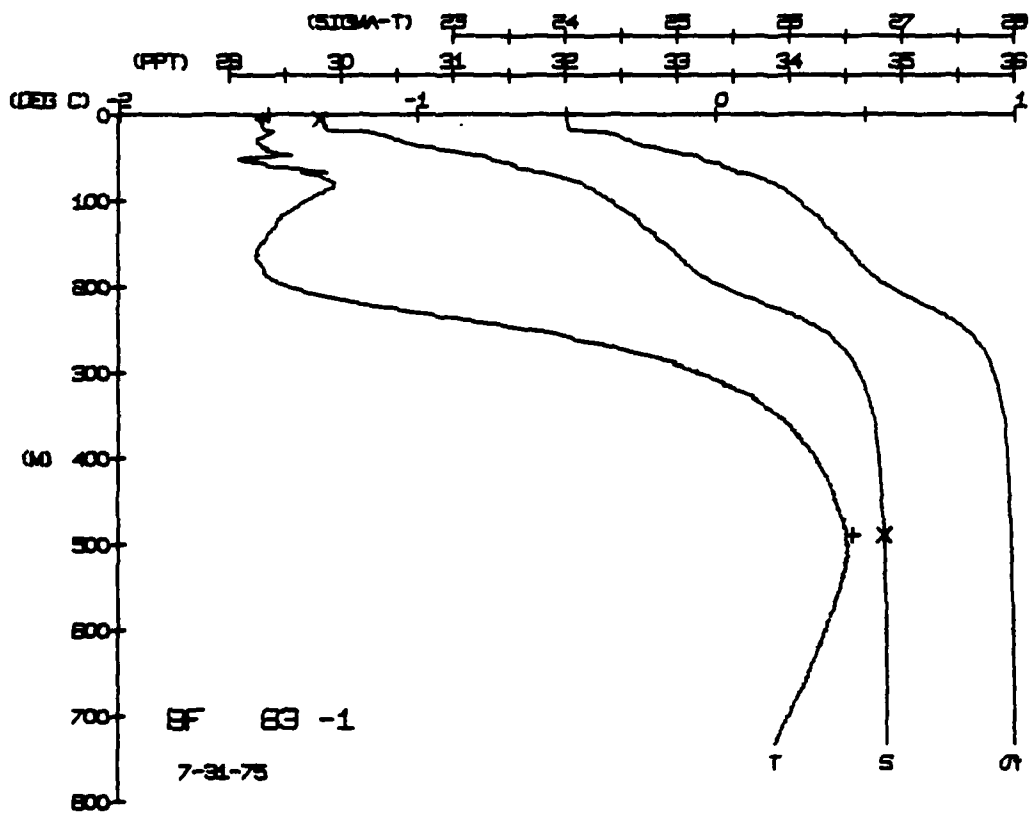
BLUE FOX STATION 80(1) CTD 28/JUL/1975 1808 GMT CODE = 3
 LAT = 75.6054N LMG = 142.842W UTM = 1000000 UTM = 1000000
 AIR TEMP = -0.4 BARUM = 1002.0 WIND = 252.3 SPEED = 43.9

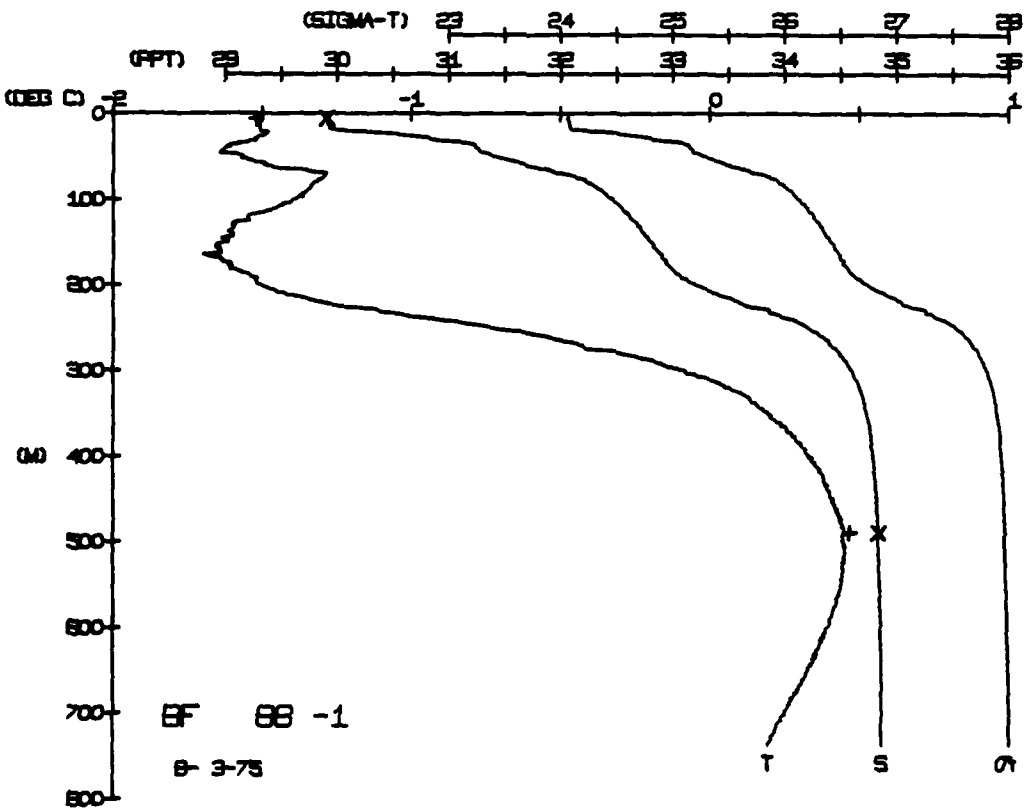
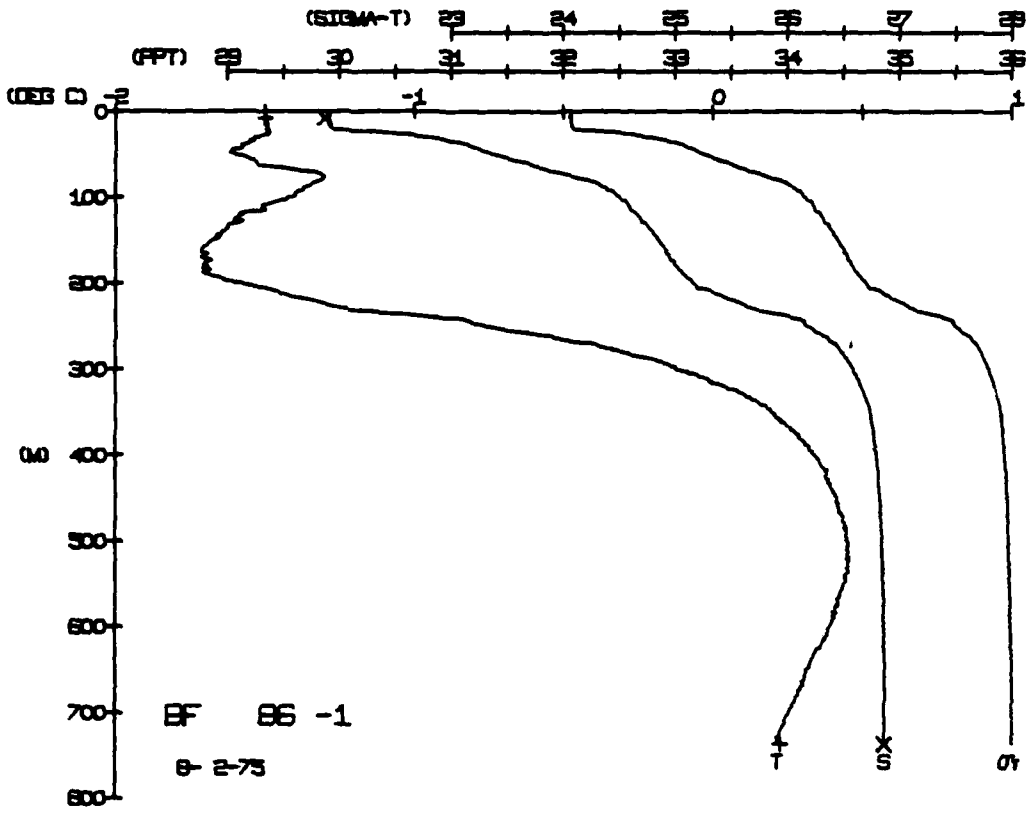
DEPTH	TEMP	PTEMP	SALIN	SIG T	SPVUL	DYNHT	SOUND
0.0	48.48	48.48	29.85	24.02	390.0	0.000	1435.1
5.0	48.48	48.48	29.85	24.02	390.0	0.000	1435.2
10.0	48.48	48.48	29.85	24.02	388.0	0.000	1435.3
15.0	48.48	48.48	29.85	24.02	387.0	0.000	1435.4
20.0	48.48	48.48	29.85	24.02	362.0	0.000	1435.5
25.0	48.48	48.48	29.85	24.02	340.0	0.000	1435.6
30.0	48.48	48.48	29.85	24.02	333.0	0.000	1435.7
35.0	48.48	48.48	29.85	24.02	313.0	0.000	1435.8
40.0	48.48	48.48	29.85	24.02	285.0	0.000	1435.9
45.0	48.48	48.48	29.85	24.02	266.0	0.000	1436.0
50.0	48.48	48.48	29.85	24.02	246.0	0.000	1436.1
55.0	48.48	48.48	29.85	24.02	225.0	0.000	1436.2
60.0	48.48	48.48	29.85	24.02	207.0	0.000	1436.3
65.0	48.48	48.48	29.85	24.02	185.0	0.000	1436.4
70.0	48.48	48.48	29.85	24.02	169.0	0.000	1436.5
75.0	48.48	48.48	29.85	24.02	154.0	0.000	1436.6
80.0	48.48	48.48	29.85	24.02	139.0	0.000	1436.7
85.0	48.48	48.48	29.85	24.02	123.0	0.000	1436.8
90.0	48.48	48.48	29.85	24.02	107.0	0.000	1436.9
95.0	48.48	48.48	29.85	24.02	91.0	0.000	1437.0
100.0	48.48	48.48	29.85	24.02	75.0	0.000	1437.1
105.0	48.48	48.48	29.85	24.02	59.0	0.000	1437.2
110.0	48.48	48.48	29.85	24.02	43.0	0.000	1437.3
115.0	48.48	48.48	29.85	24.02	27.0	0.000	1437.4
120.0	48.48	48.48	29.85	24.02	11.0	0.000	1437.5

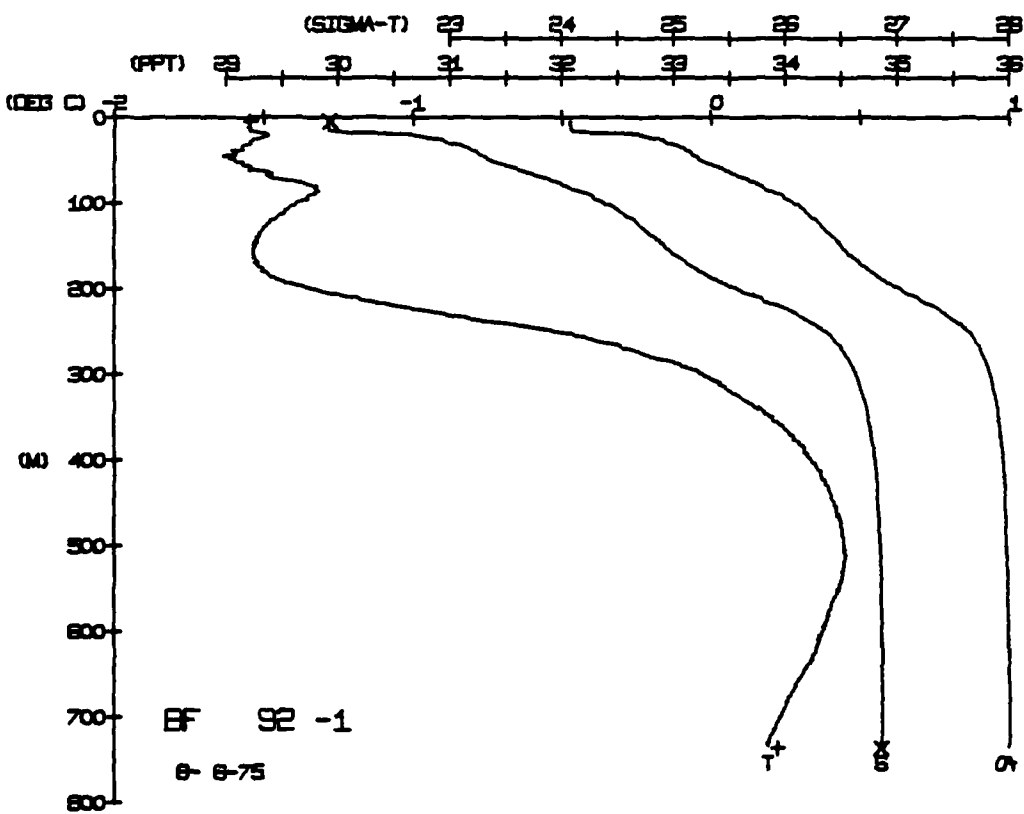
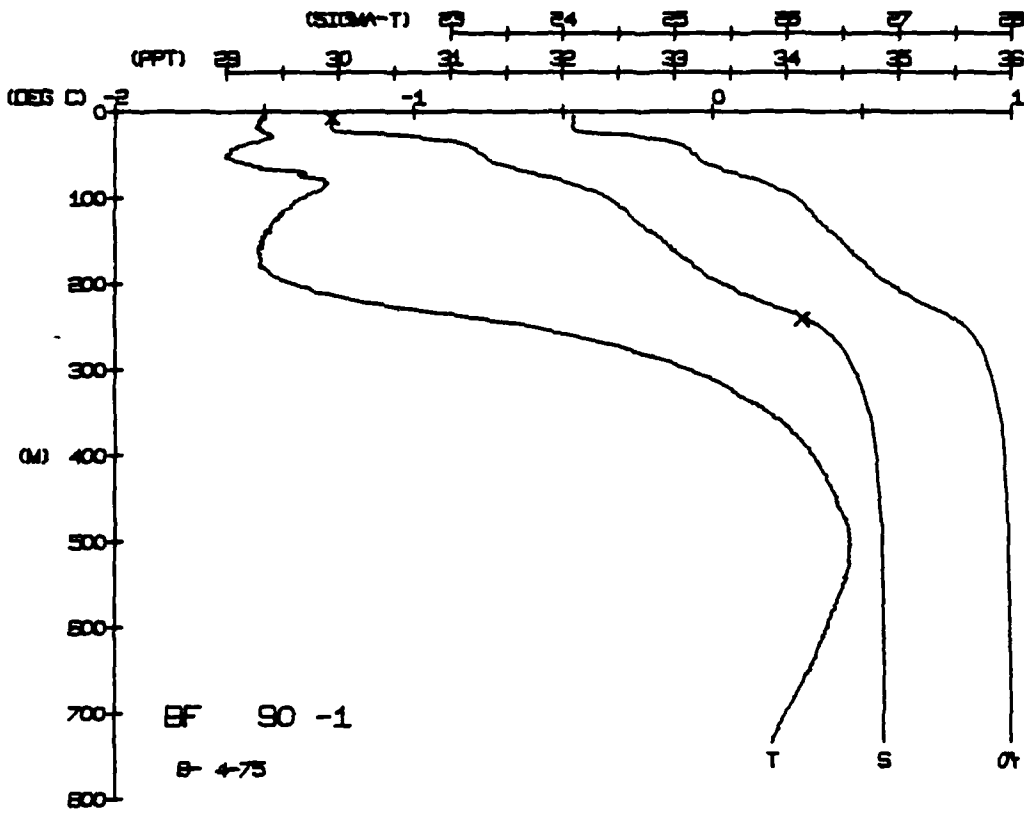
DEPTH TEMP BUT NUM = 1
 PTEMP ROT NUM = 2
 SALIN -1.49
 TEMP -0.45
 DYNHT 489.4
 SOUND 29.85
 34.87

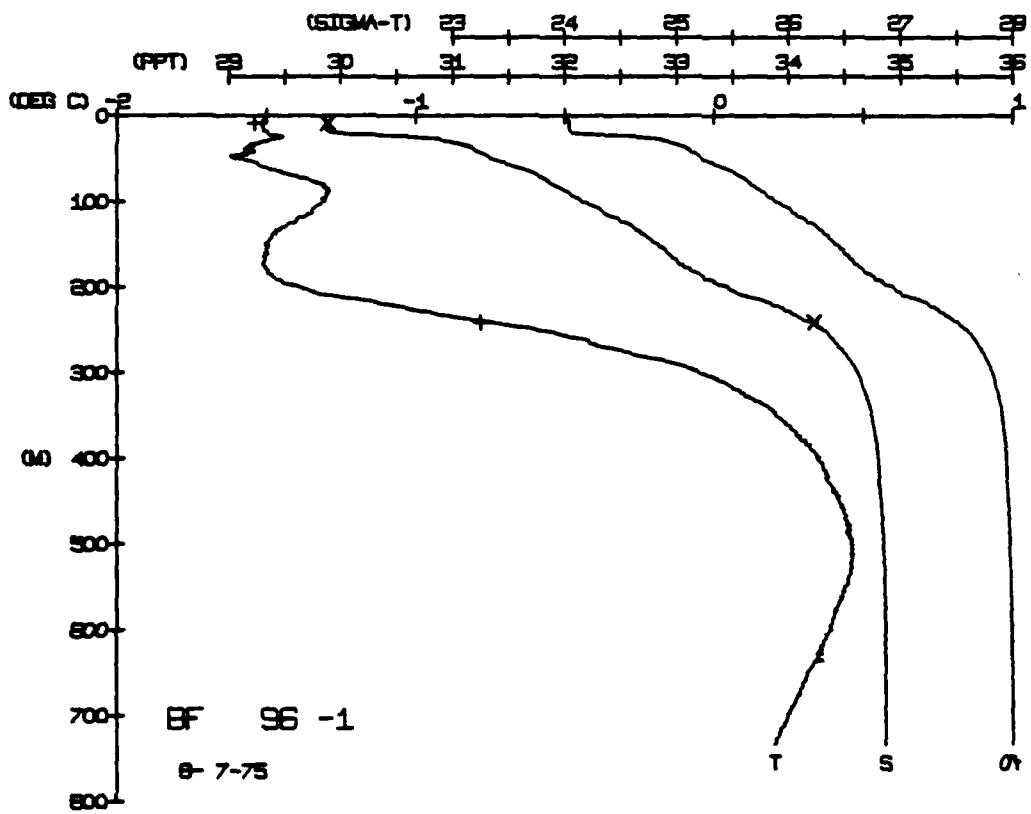
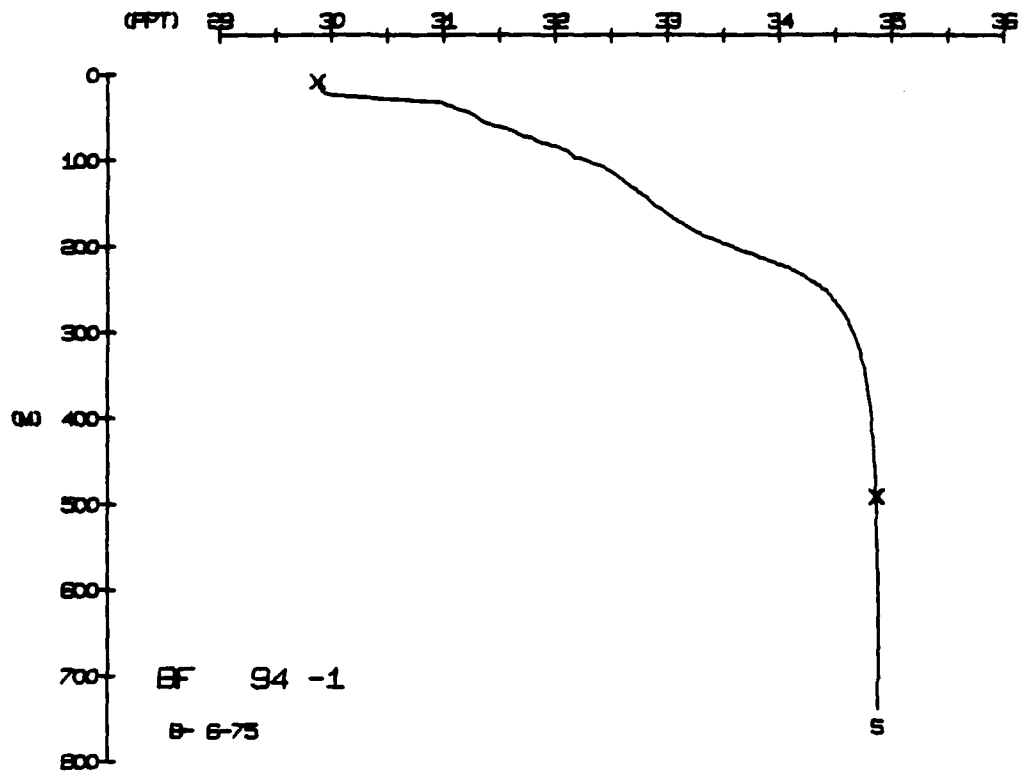


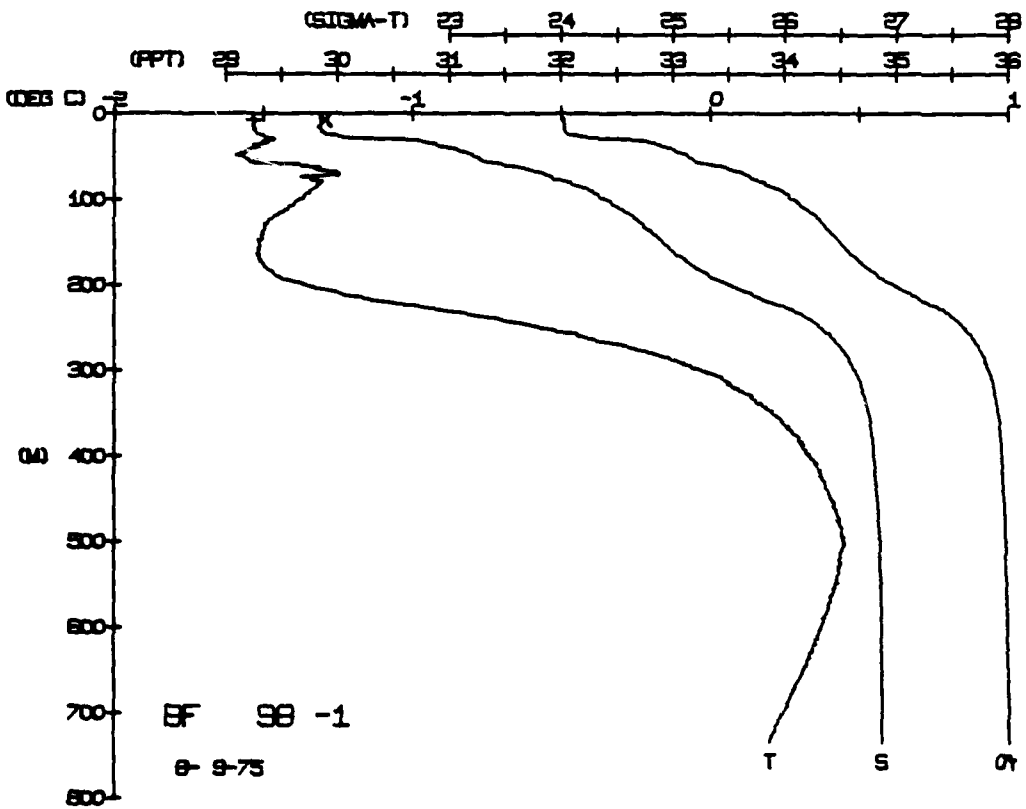
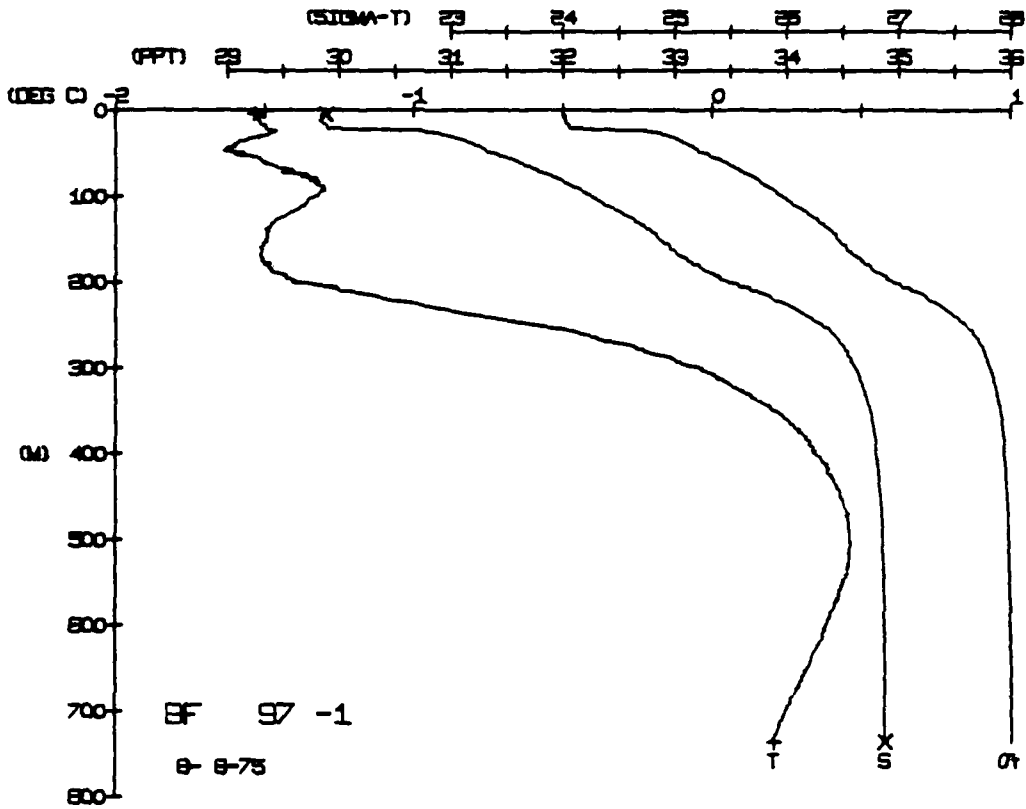






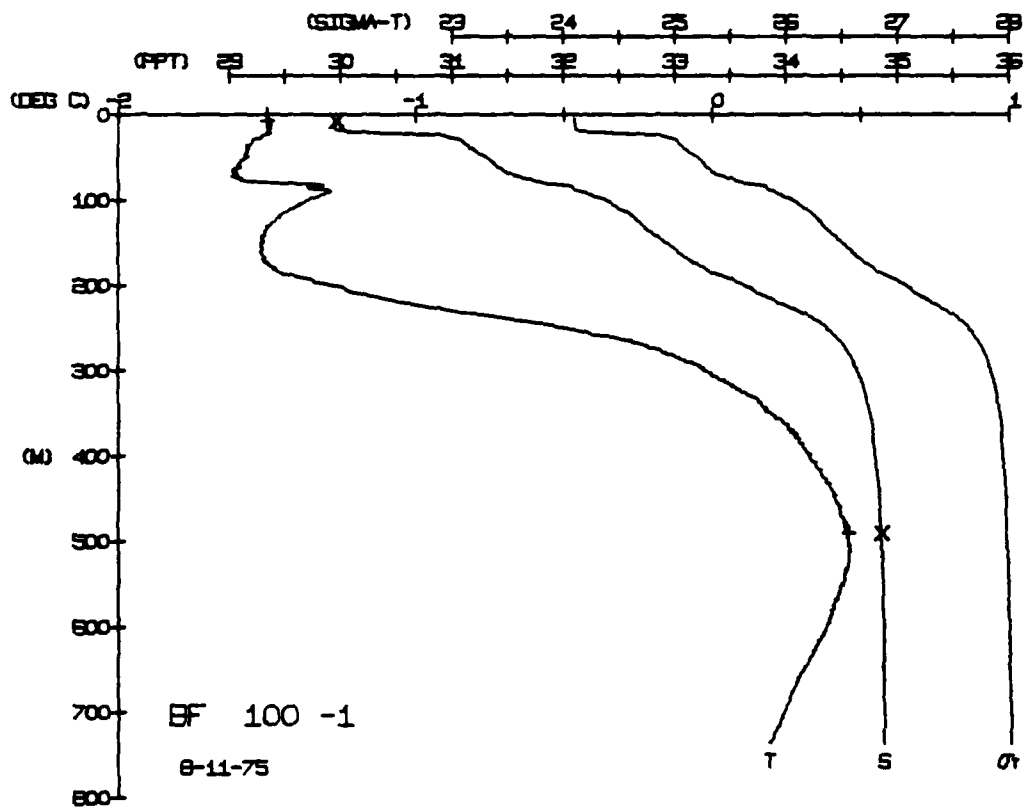
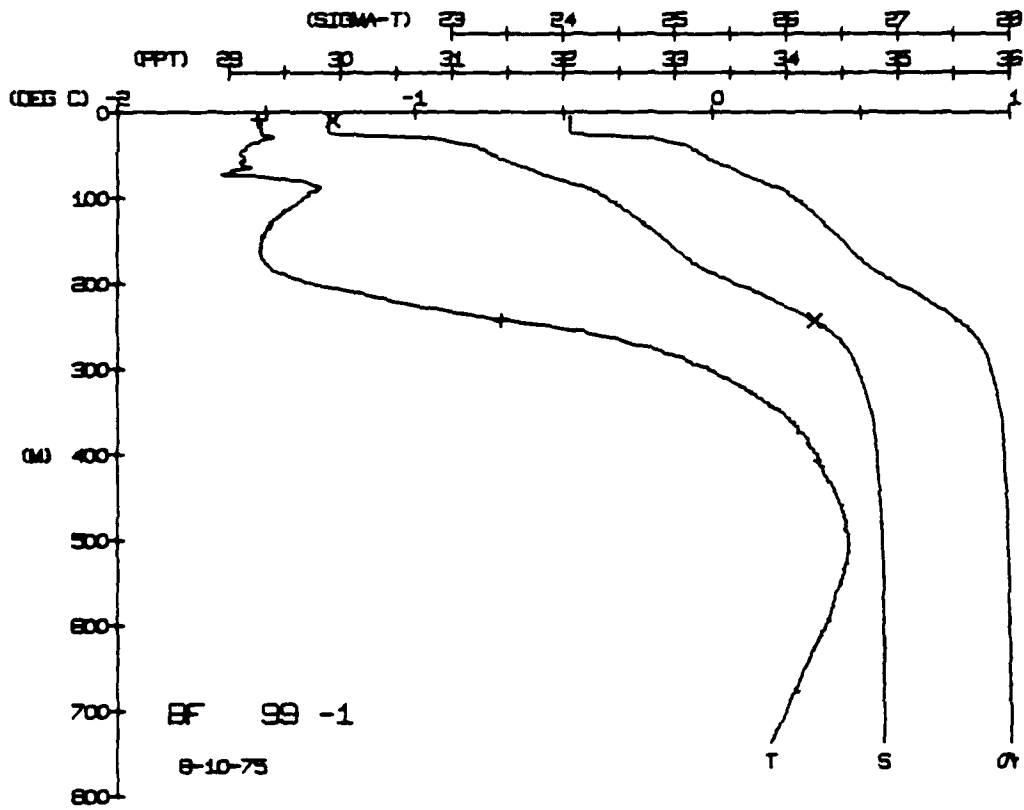


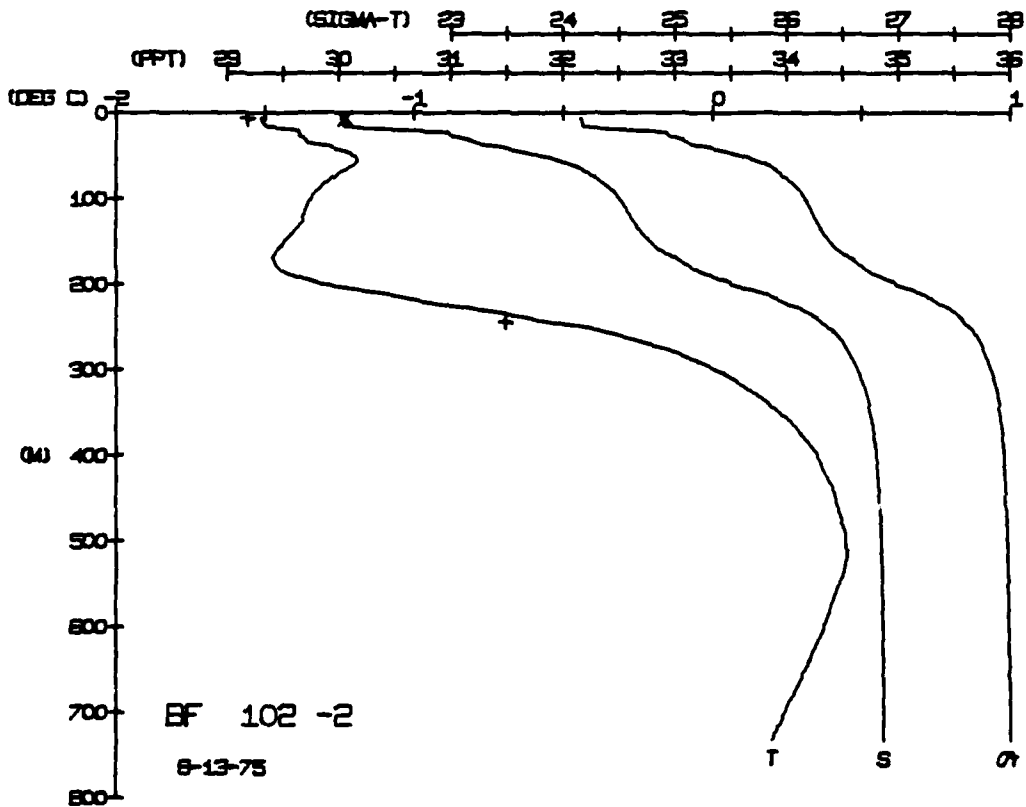
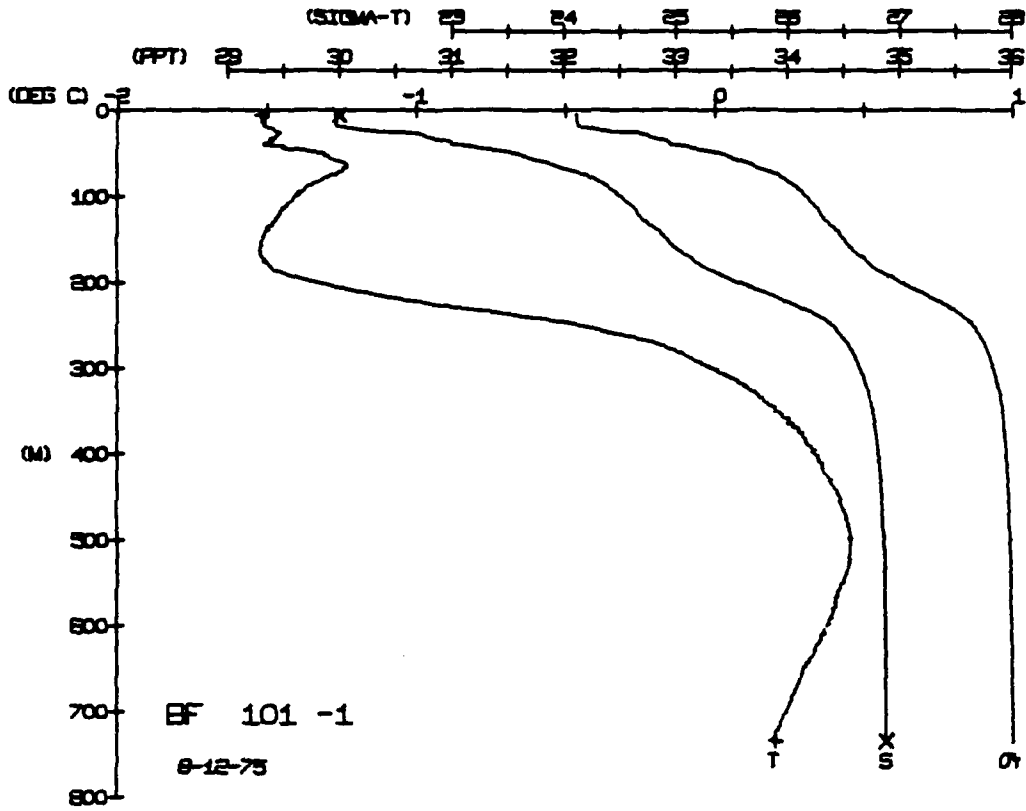


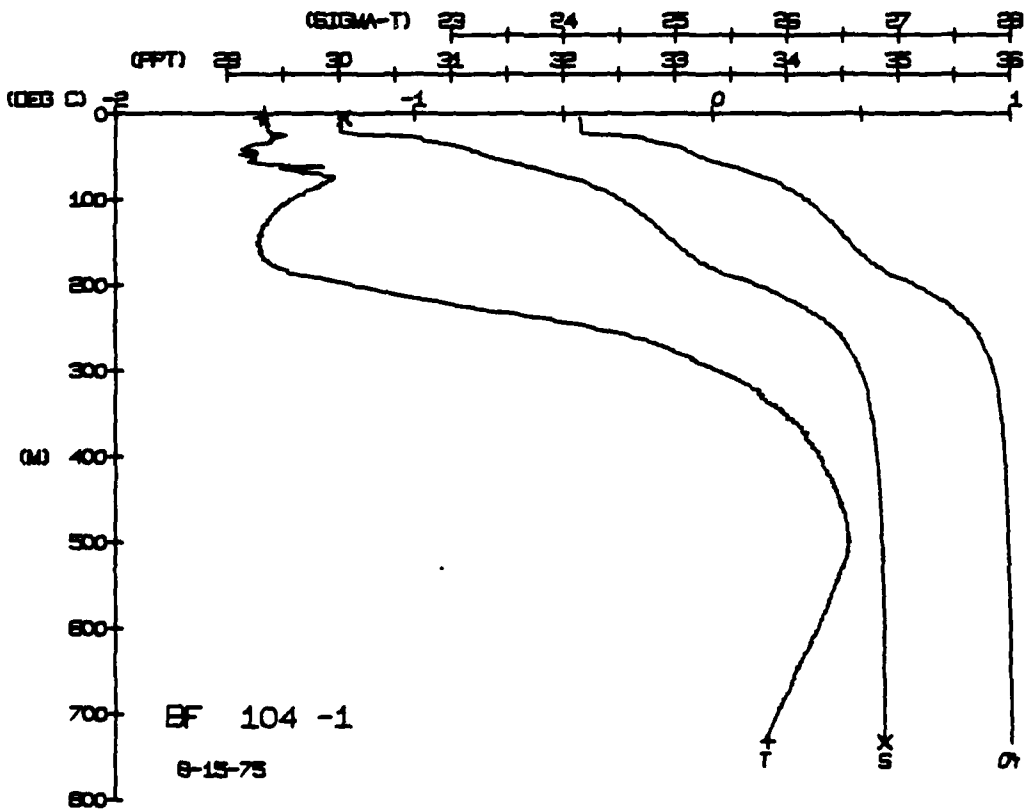
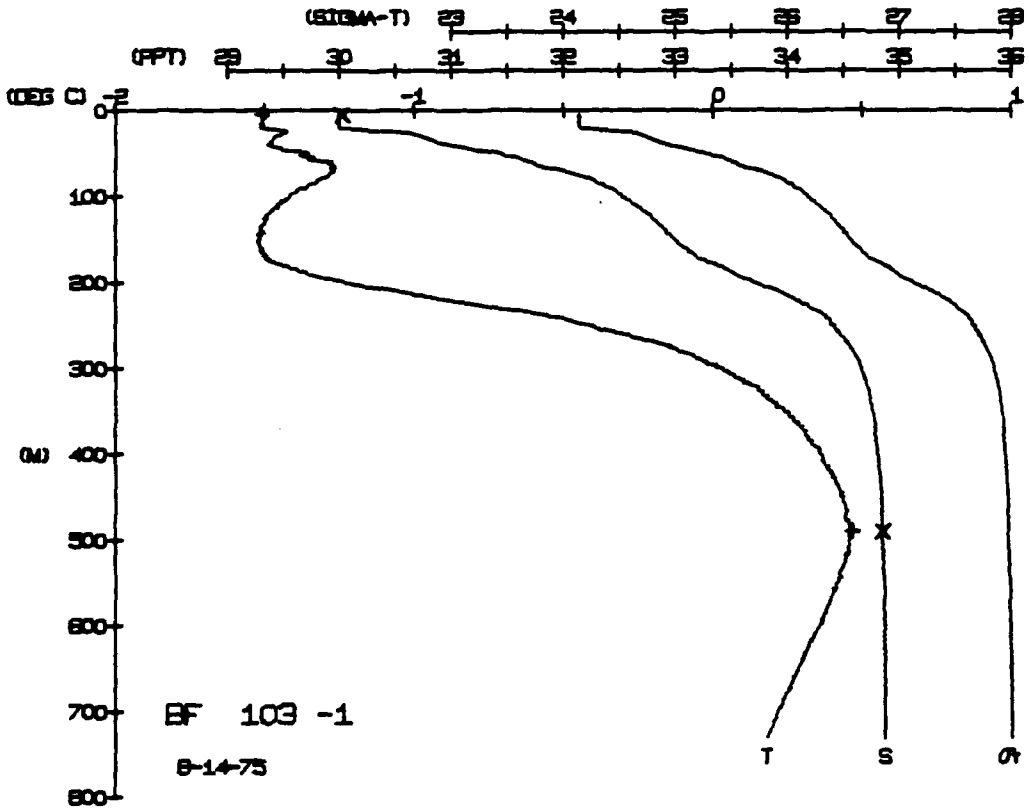


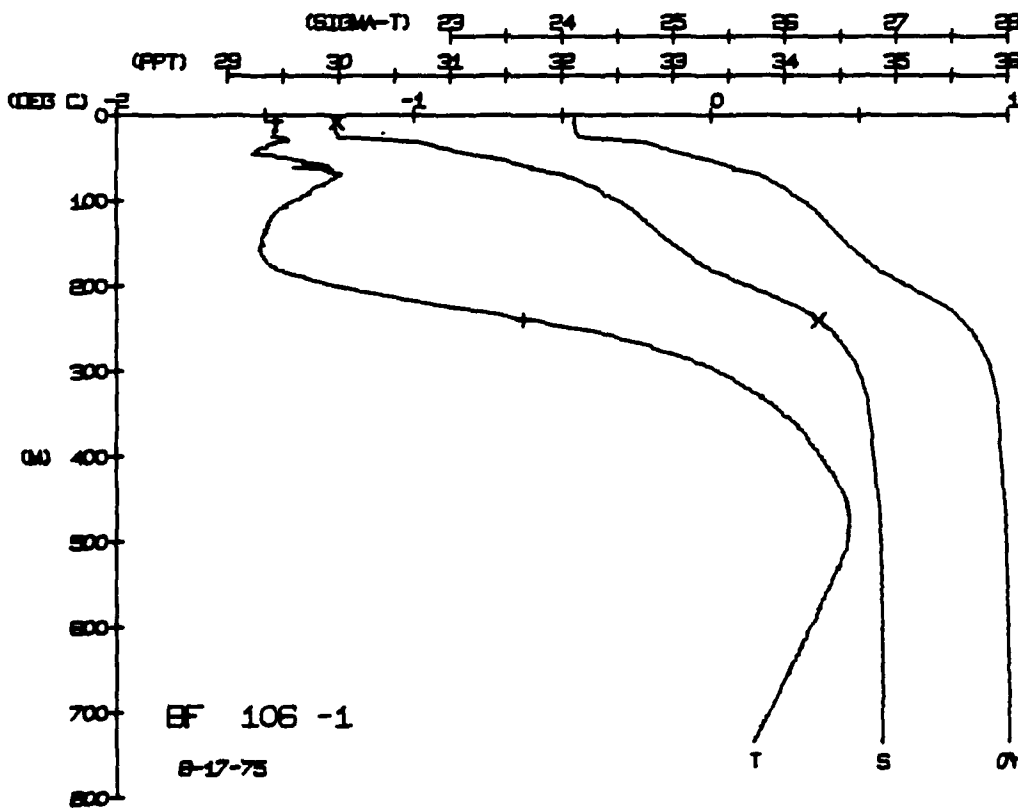
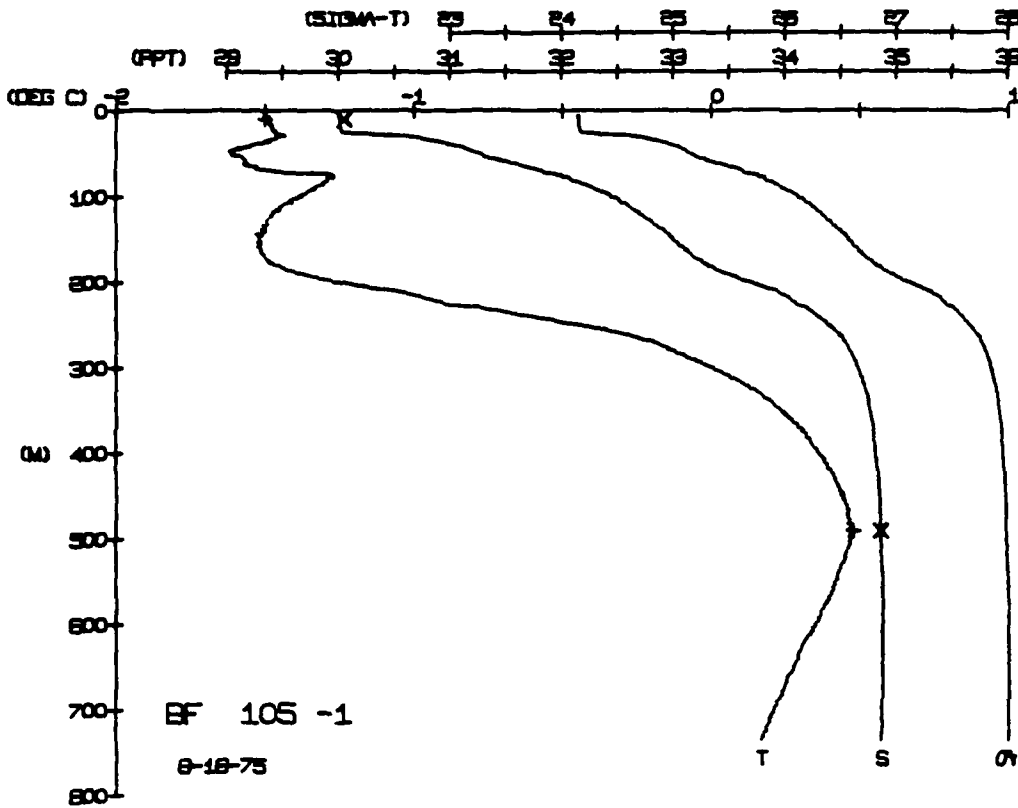
BLUE FOX STATION 99(1) CTD 10/AUG/1975 1801 GMT CODE = 3
LAT = 74.9547N LNG = 138.177W USER = 1.5
AIR TEMP = 0.1 BAROM = 985.9 WIND = 220.5 SPEED = 103.4

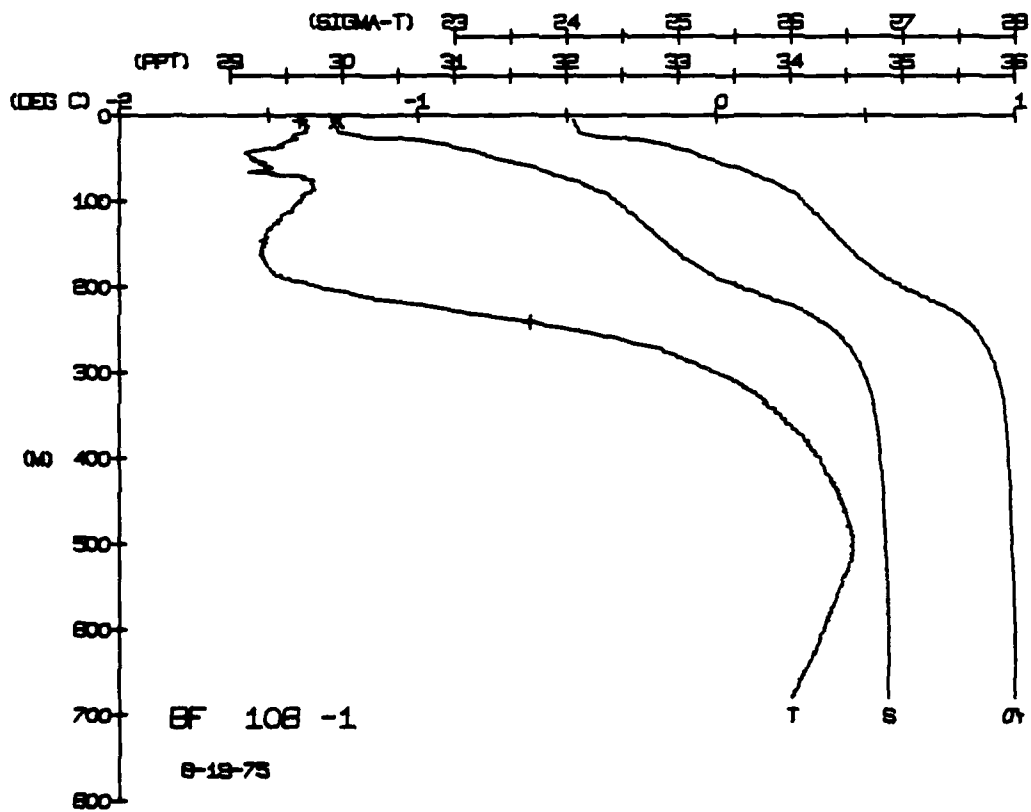
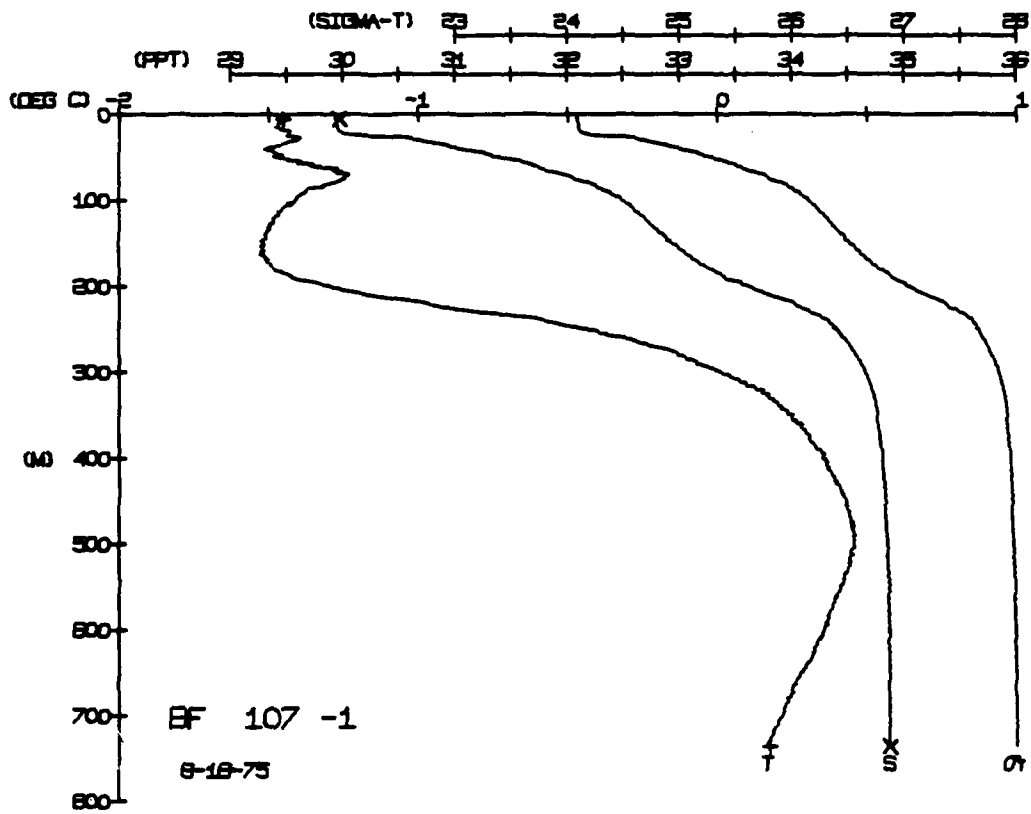
DEPTH	TEMP	PTEMP	SALIN	SIG T	SPVOL	DYHMT	SOUND
0.0	5.2	5.2	33.0	2.2	38.6	0.0	134.4
0.5	5.0	5.0	33.0	2.2	38.6	0.0	134.4
1.0	4.9	4.9	33.0	2.2	38.6	0.0	134.4
1.5	4.8	4.8	33.0	2.2	38.6	0.0	134.4
2.0	4.7	4.7	33.0	2.2	38.6	0.0	134.4
2.5	4.6	4.6	33.0	2.2	38.6	0.0	134.4
3.0	4.5	4.5	33.0	2.2	38.6	0.0	134.4
3.5	4.4	4.4	33.0	2.2	38.6	0.0	134.4
4.0	4.3	4.3	33.0	2.2	38.6	0.0	134.4
4.5	4.2	4.2	33.0	2.2	38.6	0.0	134.4
5.0	4.1	4.1	33.0	2.2	38.6	0.0	134.4
5.5	4.0	4.0	33.0	2.2	38.6	0.0	134.4
6.0	3.9	3.9	33.0	2.2	38.6	0.0	134.4
6.5	3.8	3.8	33.0	2.2	38.6	0.0	134.4
7.0	3.7	3.7	33.0	2.2	38.6	0.0	134.4
7.5	3.6	3.6	33.0	2.2	38.6	0.0	134.4
8.0	3.5	3.5	33.0	2.2	38.6	0.0	134.4
8.5	3.4	3.4	33.0	2.2	38.6	0.0	134.4
9.0	3.3	3.3	33.0	2.2	38.6	0.0	134.4
9.5	3.2	3.2	33.0	2.2	38.6	0.0	134.4
10.0	3.1	3.1	33.0	2.2	38.6	0.0	134.4
10.5	3.0	3.0	33.0	2.2	38.6	0.0	134.4
11.0	2.9	2.9	33.0	2.2	38.6	0.0	134.4
11.5	2.8	2.8	33.0	2.2	38.6	0.0	134.4
12.0	2.7	2.7	33.0	2.2	38.6	0.0	134.4
12.5	2.6	2.6	33.0	2.2	38.6	0.0	134.4
13.0	2.5	2.5	33.0	2.2	38.6	0.0	134.4
13.5	2.4	2.4	33.0	2.2	38.6	0.0	134.4
14.0	2.3	2.3	33.0	2.2	38.6	0.0	134.4
14.5	2.2	2.2	33.0	2.2	38.6	0.0	134.4
15.0	2.1	2.1	33.0	2.2	38.6	0.0	134.4
15.5	2.0	2.0	33.0	2.2	38.6	0.0	134.4
16.0	1.9	1.9	33.0	2.2	38.6	0.0	134.4
16.5	1.8	1.8	33.0	2.2	38.6	0.0	134.4
17.0	1.7	1.7	33.0	2.2	38.6	0.0	134.4
17.5	1.6	1.6	33.0	2.2	38.6	0.0	134.4
18.0	1.5	1.5	33.0	2.2	38.6	0.0	134.4
18.5	1.4	1.4	33.0	2.2	38.6	0.0	134.4
19.0	1.3	1.3	33.0	2.2	38.6	0.0	134.4
19.5	1.2	1.2	33.0	2.2	38.6	0.0	134.4
20.0	1.1	1.1	33.0	2.2	38.6	0.0	134.4
20.5	1.0	1.0	33.0	2.2	38.6	0.0	134.4
21.0	0.9	0.9	33.0	2.2	38.6	0.0	134.4
21.5	0.8	0.8	33.0	2.2	38.6	0.0	134.4
22.0	0.7	0.7	33.0	2.2	38.6	0.0	134.4
22.5	0.6	0.6	33.0	2.2	38.6	0.0	134.4
23.0	0.5	0.5	33.0	2.2	38.6	0.0	134.4
23.5	0.4	0.4	33.0	2.2	38.6	0.0	134.4
24.0	0.3	0.3	33.0	2.2	38.6	0.0	134.4
24.5	0.2	0.2	33.0	2.2	38.6	0.0	134.4
25.0	0.1	0.1	33.0	2.2	38.6	0.0	134.4
25.5	0.0	0.0	33.0	2.2	38.6	0.0	134.4
26.0	0.0	0.0	33.0	2.2	38.6	0.0	134.4
26.5	0.0	0.0	33.0	2.2	38.6	0.0	134.4
27.0	0.0	0.0	33.0	2.2	38.6	0.0	134.4
27.5	0.0	0.0	33.0	2.2	38.6	0.0	134.4
28.0	0.0	0.0	33.0	2.2	38.6	0.0	134.4
28.5	0.0	0.0	33.0	2.2	38.6	0.0	134.4
29.0	0.0	0.0	33.0	2.2	38.6	0.0	134.4
29.5	0.0	0.0	33.0	2.2	38.6	0.0	134.4
30.0	0.0	0.0	33.0	2.2	38.6	0.0	134.4
30.5	0.0	0.0	33.0	2.2	38.6	0.0	134.4
31.0	0.0	0.0	33.0	2.2	38.6	0.0	134.4
31.5	0.0	0.0	33.0	2.2	38.6	0.0	134.4
32.0	0.0	0.0	33.0	2.2	38.6	0.0	134.4
32.5	0.0	0.0	33.0	2.2	38.6	0.0	134.4
33.0	0.0	0.0	33.0	2.2	38.6	0.0	134.4
33.5	0.0	0.0	33.0	2.2	38.6	0.0	134.4
34.0	0.0	0.0	33.0	2.2	38.6	0.0	134.4
34.5	0.0	0.0	33.0	2.2	38.6	0.0	134.4
35.0	0.0	0.0	33.0	2.2	38.6	0.0	134.4
35.5	0.0	0.0	33.0	2.2	38.6	0.0	134.4
36.0	0.0	0.0	33.0	2.2	38.6	0.0	134.4
36.5	0.0	0.0	33.0	2.2	38.6	0.0	134.4
37.0	0.0	0.0	33.0	2.2	38.6	0.0	134.4
37.5	0.0	0.0	33.0	2.2	38.6	0.0	134.4
38.0	0.0	0.0	33.0	2.2	38.6	0.0	134.4
38.5	0.0	0.0	33.0	2.2	38.6	0.0	134.4
39.0	0.0	0.0	33.0	2.2	38.6	0.0	134.4
39.5	0.0	0.0	33.0	2.2	38.6	0.0	134.4
40.0	0.0	0.0	33.0	2.2	38.6	0.0	134.4
40.5	0.0	0.0	33.0	2.2	38.6	0.0	134.4
41.0	0.0	0.0	33.0	2.2	38.6	0.0	134.4
41.5	0.0	0.0	33.0	2.2	38.6	0.0	134.4
42.0	0.0	0.0	33.0	2.2	38.6	0.0	134.4
42.5	0.0	0.0	33.0	2.2	38.6	0.0	134.4
43.0	0.0	0.0	33.0	2.2	38.6	0.0	134.4
43.5	0.0	0.0	33.0	2.2	38.6	0.0	134.4
44.0	0.0	0.0	33.0	2.2	38.6	0.0	134.4
44.5	0.0	0.0	33.0	2.2	38.6	0.0	134.4
45.0	0.0	0.0	33.0	2.2	38.6	0.0	134.4
45.5	0.0	0.0	33.0	2.2	38.6	0.0	134.4
46.0	0.0	0.0	33.0	2.2	38.6	0.0	134.4
46.5	0.0	0.0	33.0	2.2	38.6	0.0	134.4
47.0	0.0	0.0	33.0	2.2	38.6	0.0	134.4
47.5	0.0	0.0	33.0	2.2	38.6	0.0	134.4
48.0	0.0	0.0	33.0	2.2	38.6	0.0	134.4
48.5	0.0	0.0	33.0	2.2	38.6	0.0	134.4
49.0	0.0	0.0	33.0	2.2	38.6	0.0	134.4
49.5	0.0	0.0	33.0	2.2	38.6	0.0	134.4
50.0	0.0	0.0	33.0	2.2	38.6	0.0	134.4
50.5	0.0	0.0	33.0	2.2	38.6	0.0	134.4
51.0	0.0	0.0	33.0	2.2	38.6	0.0	134.4
51.5	0.0	0.0	33.0	2.2	38.6	0.0	134.4
52.0	0.0	0.0	33.0	2.2	38.6	0.0	134.4
52.5	0.0	0.0	33.0	2.2	38.6	0.0	134.4
53.0	0.0	0.0	33.0	2.2	38.6	0.0	134.4
53.5	0.0	0.0	33.0	2.2	38.6	0.0	134.4
54.0	0.0	0.0	33.0	2.2	38.6	0.0	134.4
54.5	0.0	0.0	33.0	2.2	38.6	0.0	134.4
55.0	0.0	0.0	33.0	2.2	38.6	0.0	134.4
55.5	0.0	0.0	33.0	2.2	38.6	0.0	134.4
56.0	0.0	0.0	33.0	2.2	38.6	0.0	134.4
56.5	0.0	0.0	33.0	2.2	38.6	0.0	134.4
57.0	0.0	0.0	33.0	2.2	38.6	0.0	134.4
57.5	0.0	0.0	33.0	2.2	38.6	0.0	134.4
58.0	0.0	0.0	33.0	2.2	38.6	0.0	134.4
58.5	0.0	0.0	33.0	2.2	38.6	0.0	134.4
59.0	0.0	0.0	33.0	2.2	38.6	0.0	134.4
59.5	0.0	0.0	33.0	2.2	38.6	0.0	134.4
60.0	0.0	0.0	33.0	2.2	38.6	0.0	134.4
60.5	0.0	0.0	33.0	2.2	38.6	0.0	134.4
61.0	0.0	0.0	33.0	2.2	38.6	0.0	134.4
61.5	0.0	0.0	33.0	2.2	38.6	0.0	134.4
62.0	0.0	0.0	33.0	2.2	38.6	0.0	134.4
62.5	0.0	0.0	33.0	2.2	38.6	0.0	134.4
63.0	0.0	0.0	33.0	2.2	38.6	0.0	134.4
63.5	0.0	0.0	33.0	2.2	38.6	0.0	134.4
64.0	0.0	0.0	33.0	2.2	38.6	0.0	134.4
64.5	0.0	0.0	33.0	2.2	38.6	0.0	134.4
65.0	0.0	0.0	33.0	2.2	38.6	0.0	134.4
65.5	0.0	0.0	33.0	2.2	38.6	0.0	134.4
66.0	0.0	0.0	33.0	2.2	38.6	0.0	134.4
66.5	0.0	0.0	33.0	2.2	38.6	0.0	134.4
67.0	0.0	0.0	33.0	2.2	38.6	0.0	134.4
67.5	0.0	0.0	33.0	2.2	38.6	0.0	134.4
68.0	0.0	0.0	33.0	2.2	38.6	0.0	134.4
68.5	0.0	0.0	33.0	2.2	38.6	0.0	134.4
69.0	0.0	0.0	33.0	2.2	38.6	0.0	134.4
69.5	0.0	0.0	33.0	2.2	38.6	0.0	134.4
70.0	0.0	0.0	33.0	2.2	38.6	0.0	134.4
70.5	0.0	0.0	33.0	2.2	38.6	0.0	134.4
71.0	0.0	0.0	33.0	2.2	38.6	0.0	134.4
71.5	0.0	0.0	33.0	2.2	38.6	0.0	134.4
72.0	0.0	0.0	33.0	2.2	38.6	0.0	134.4
72.5	0.0	0.0	33.0	2.2	38.6	0.0	134.4
73.0	0.0	0.0	33.0	2.2	38.6	0.0	134.4
73.5	0.0	0.0	33.0	2.2	38.6	0.0	134.4
74.0	0.0	0.0	33.0	2.2	38.6	0.0	134.4
74.5	0.0	0.0	33.0	2.2	38.6	0.0	134.4
75.0	0.0	0.0	33.0	2.2	38.6	0.0	134.4
75.5	0.0	0.0	33.0	2.2	38.6	0.0	134.4
76.0	0.0	0.0	33.0	2.2	38.6	0.0	134.4
76.5	0.0	0.0	33.0	2.2	38.6	0.0	134.4
77.0	0.0	0.0	33.0	2.2	38.6	0.0	134.4
77.5	0.0	0.0	33.0	2.2	38.6	0.0	134.4
78.0	0.0	0.0	33.0	2.2	38.6	0.0	134.4
78.5	0.0	0.0	33.0	2.2	38.6	0.0	134.4
79.0	0.0	0.0	33.0	2.2	38.6	0.0	134.4
79.5	0.0	0.0	33.0	2.2	38.6	0.0	134.4
80.0	0.0	0.0	33.0	2.2	38.6	0.0	134.4
80.5	0.0	0.0	33.0	2.2	38.6	0.0	134.4
81.0	0.0	0.0	33.0	2.2	38.6	0.0	134.4
81.5	0.0	0.0	33.0	2.2	38.6	0.0	134.4
82.0	0.0	0.0	33.0	2.2	38.6	0.0	134.4
82.5	0.0	0.0	33.0	2.2	38.6	0.0	134.4
83.0	0.0	0.0	33.0	2.2	38.6	0.0	

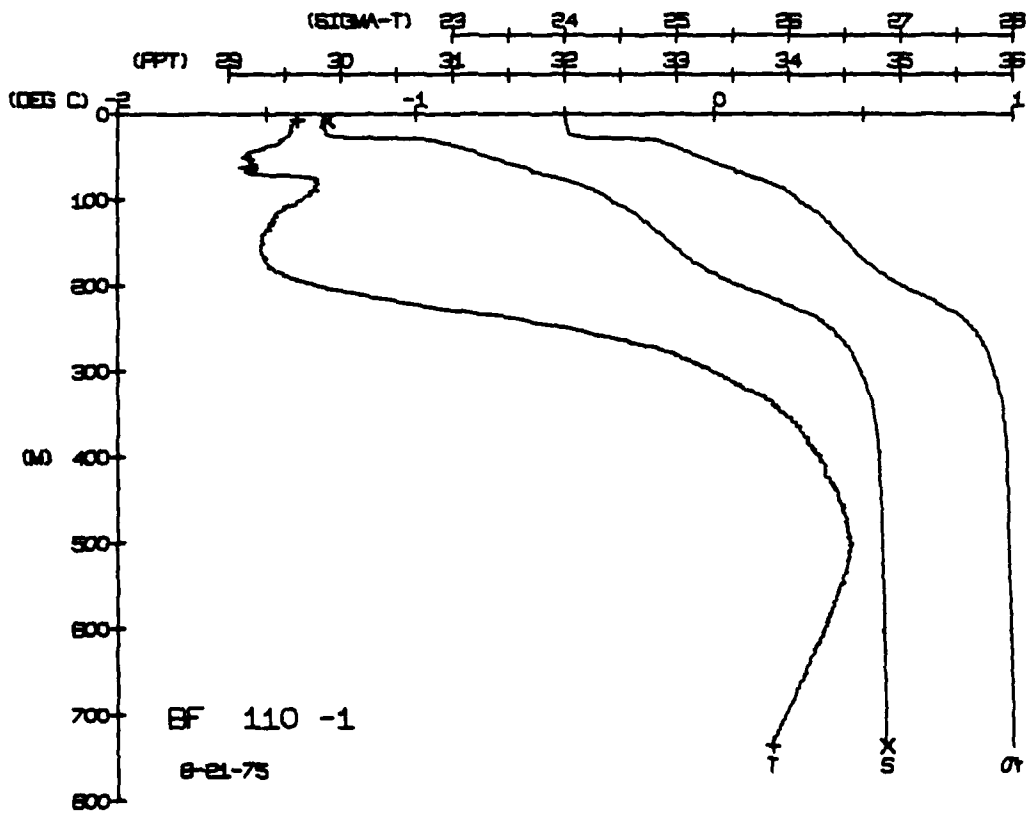
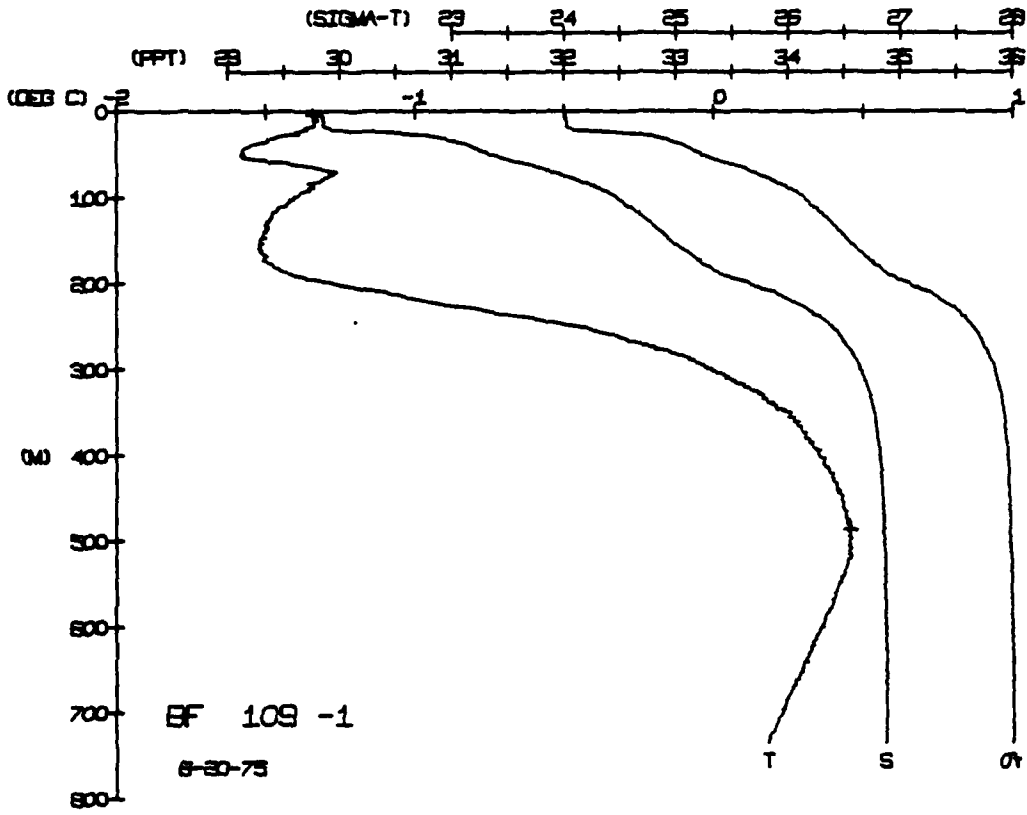


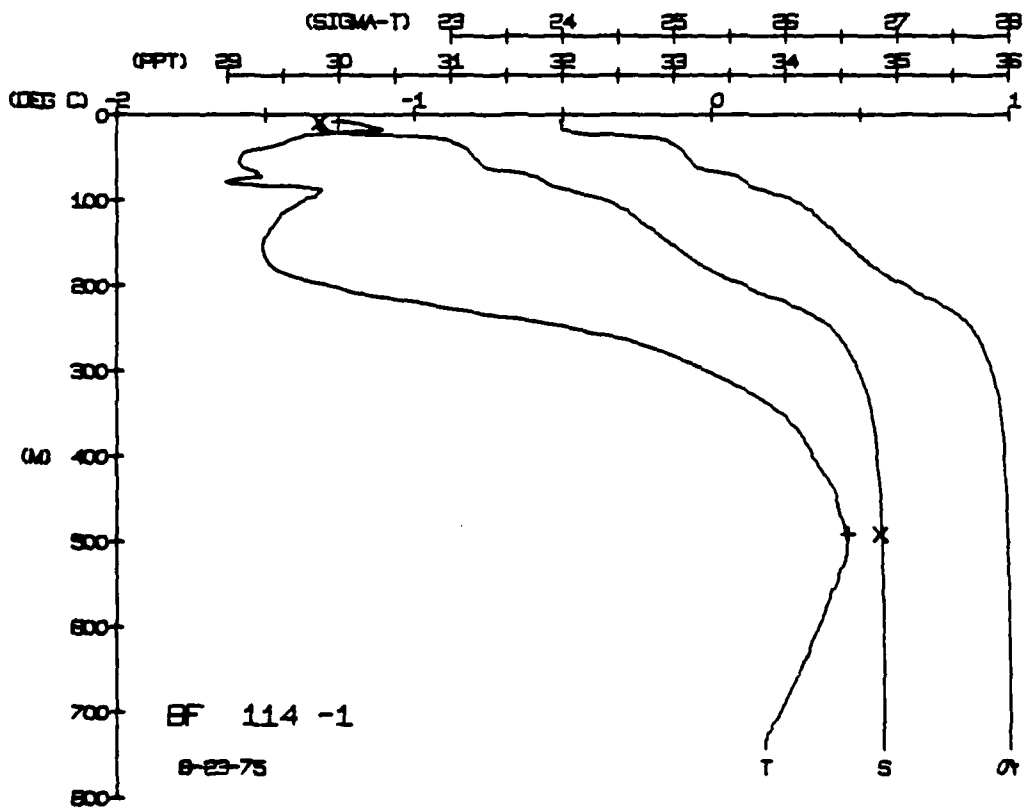
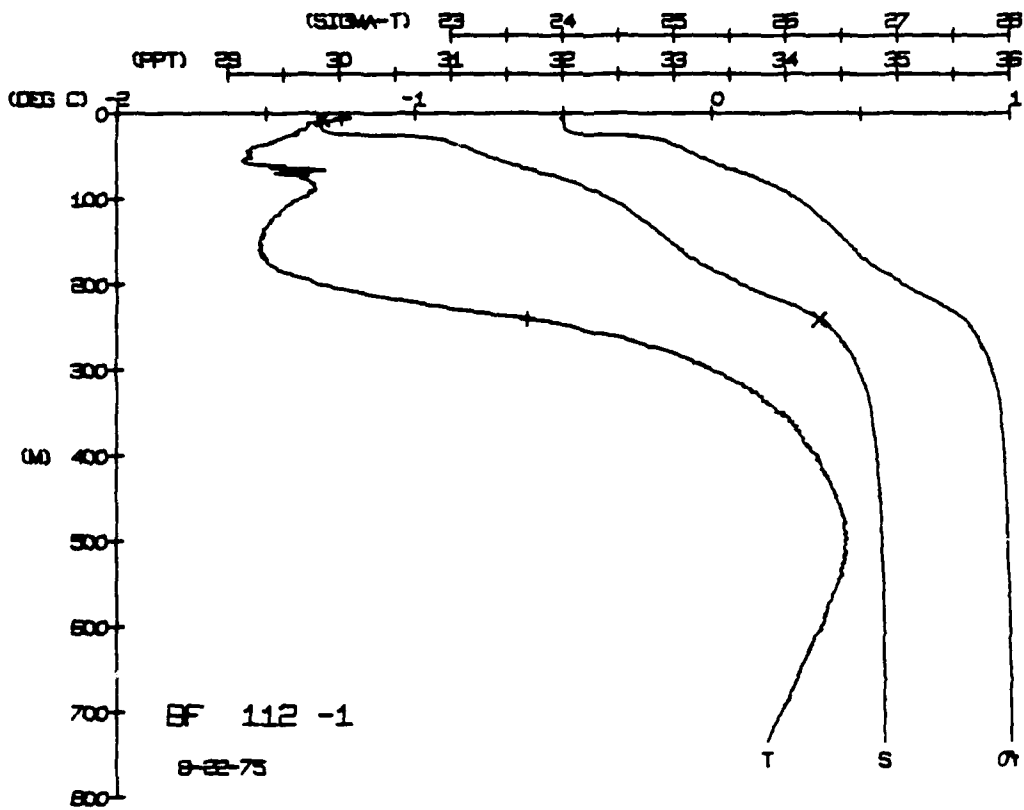


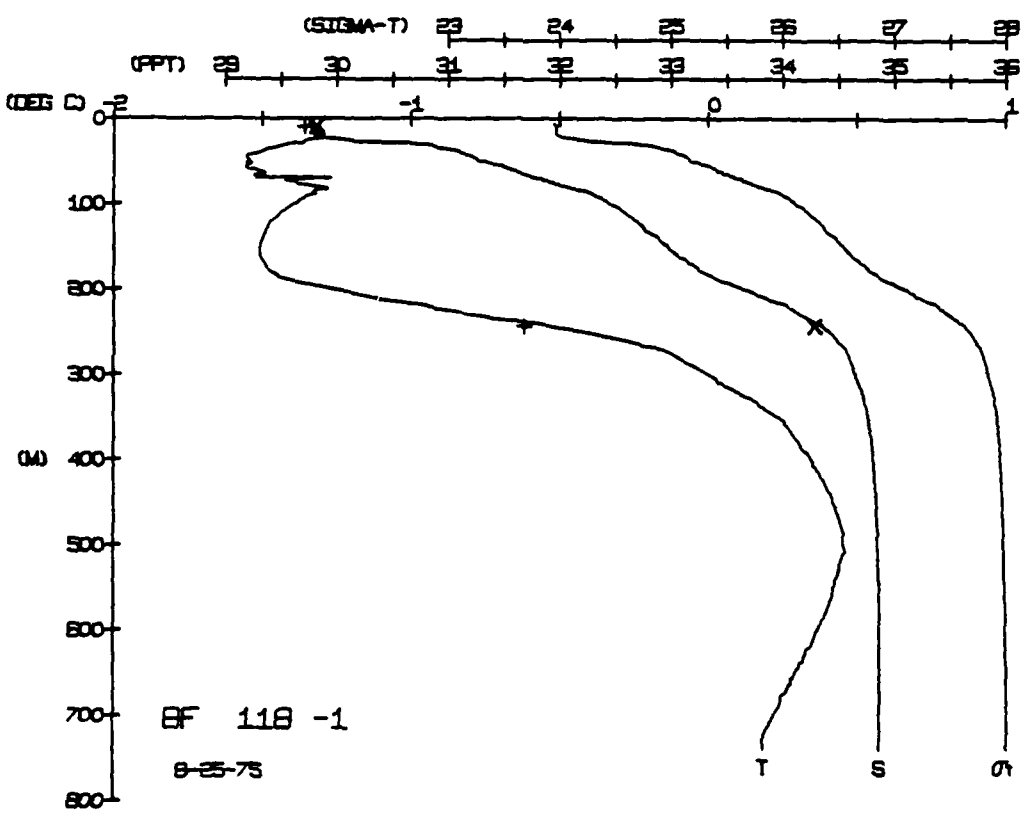
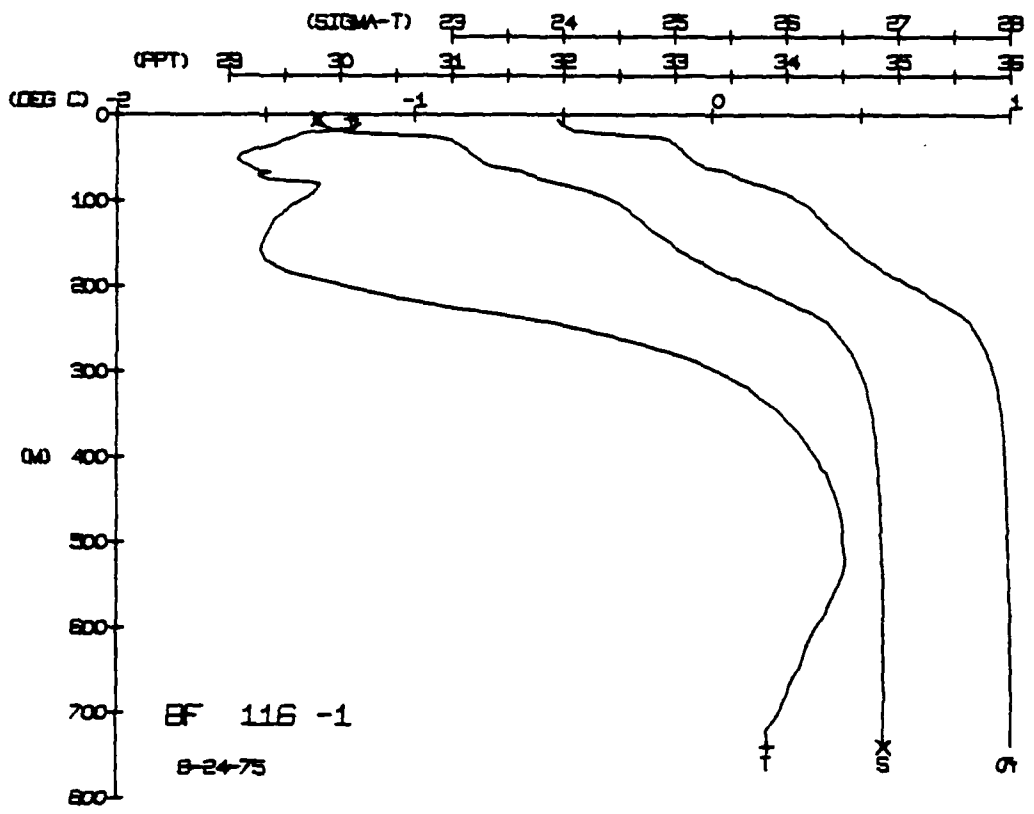


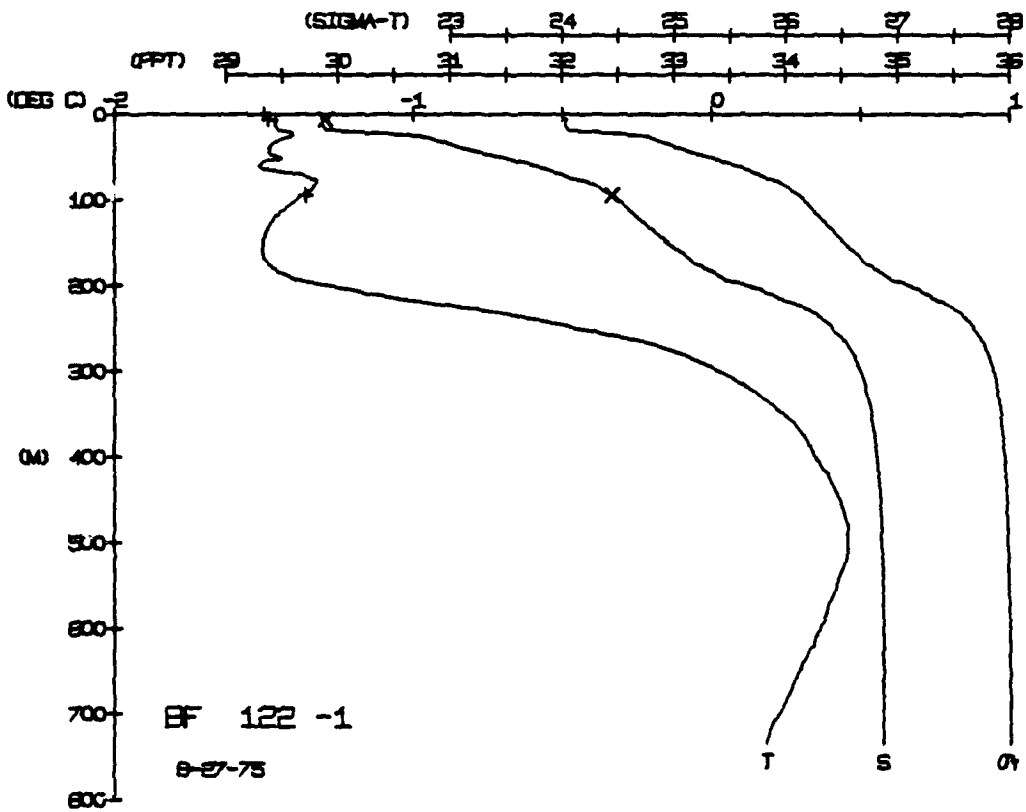
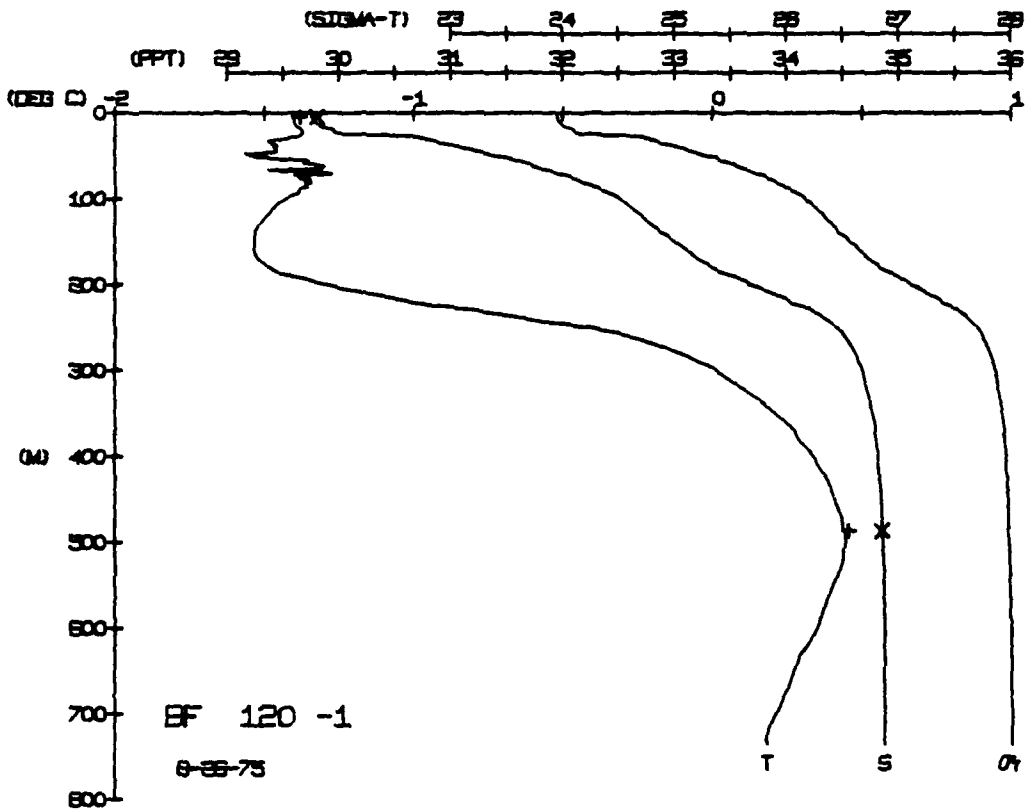


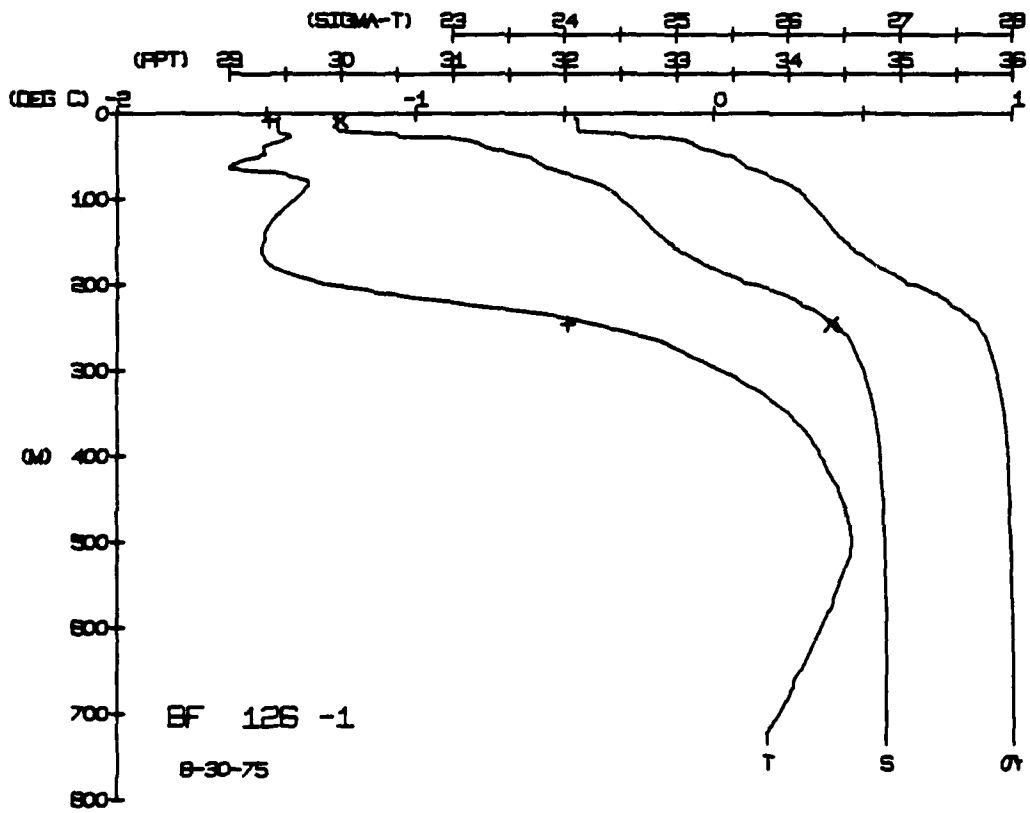
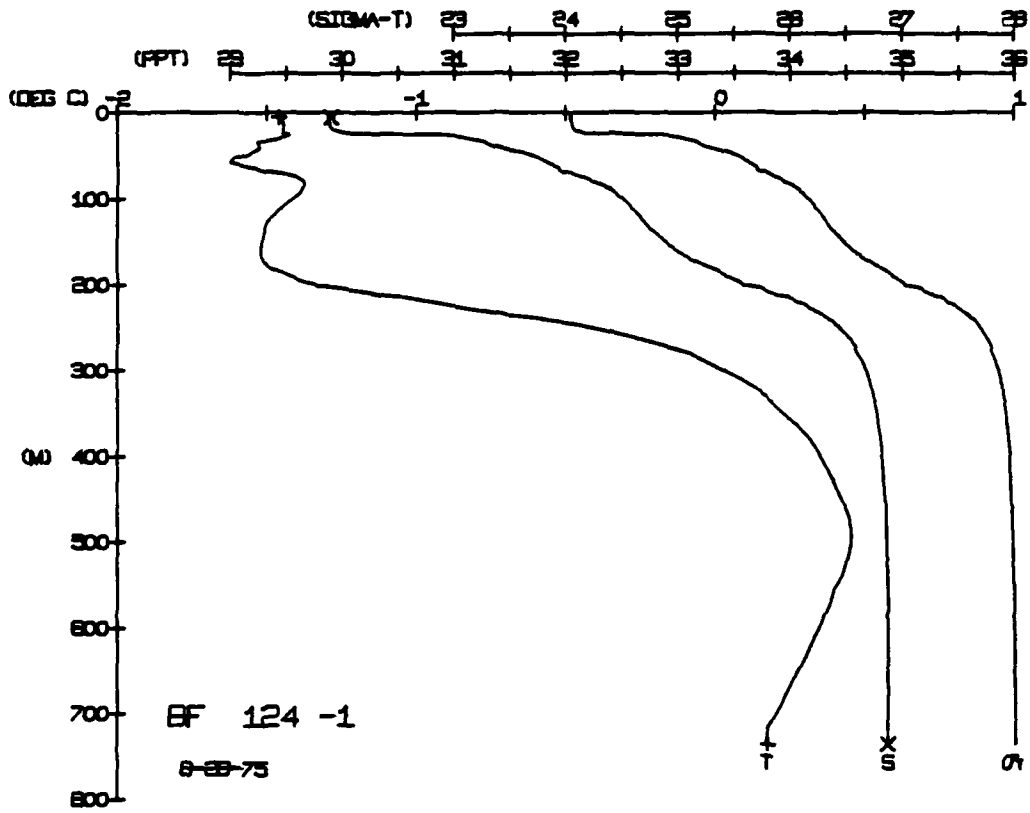












BLUE FOX STATION 128(1) CTD 30/AUG/1975 1800 GMT CODE = 2
LAT = 74.2756N LMG = 136.5844W LTER = 0 LGER = 0
AIR TEMP = -0.6 BARUM = 1014.3 WIND = 293.1 SPEED = 53.1

DEPTH TEMP PTEMP SALIN SIG T SPVOL DYNHT SOUND

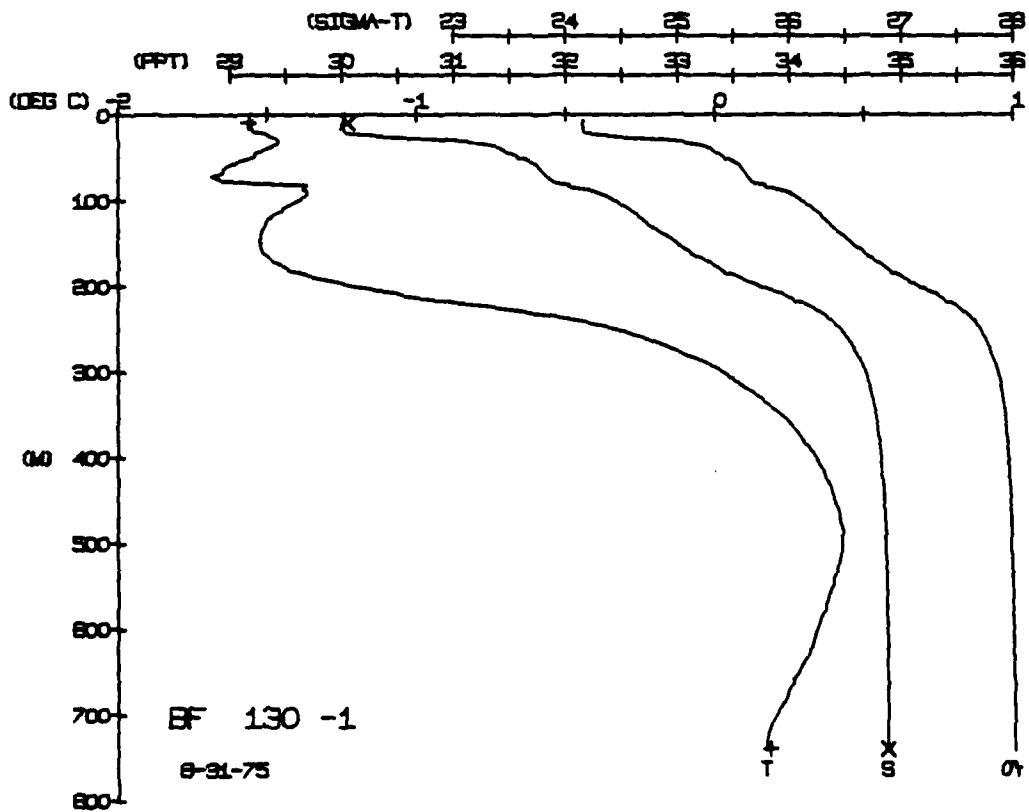
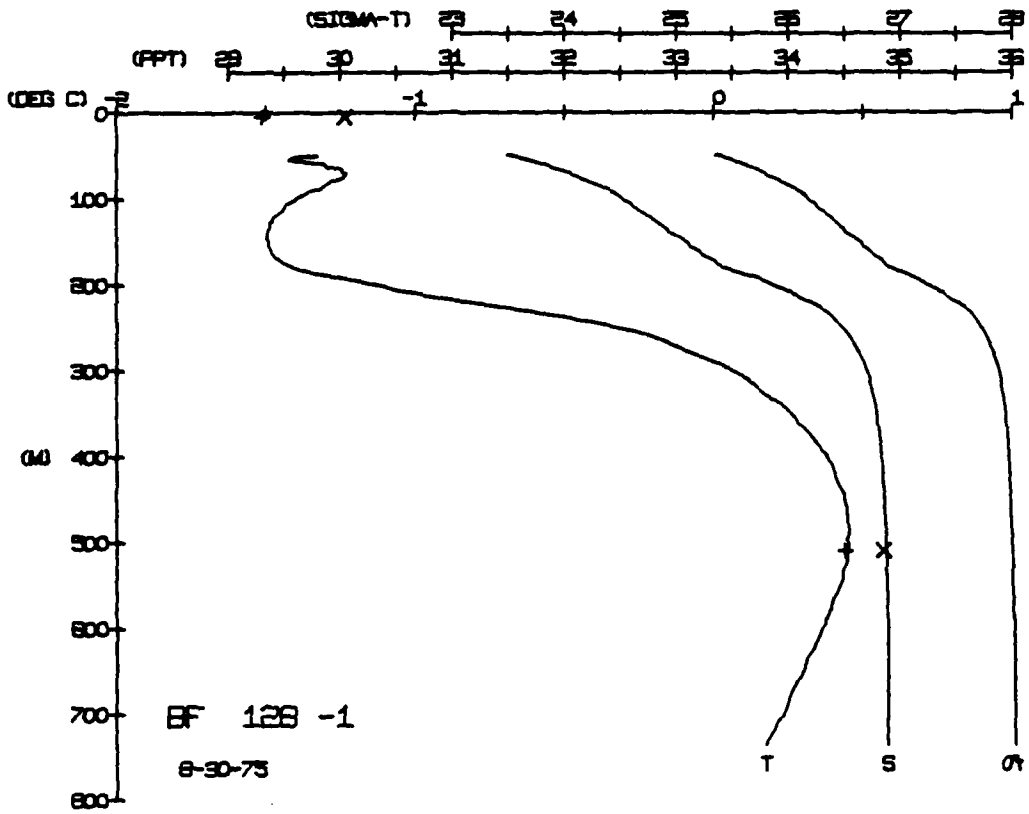
DEPTH	TEMP	PTEMP	SALIN	SIG T	SPVOL	DYNHT	SOUND
0.0	3.2	3.2	34.5	22.8	1.0	0.0	1462
0.5	3.1	3.1	34.5	22.8	1.0	0.0	1461
1.0	3.0	3.0	34.5	22.8	1.0	0.0	1461
1.5	2.9	2.9	34.5	22.8	1.0	0.0	1461
2.0	2.8	2.8	34.5	22.8	1.0	0.0	1461
2.5	2.7	2.7	34.5	22.8	1.0	0.0	1461
3.0	2.6	2.6	34.5	22.8	1.0	0.0	1461
3.5	2.5	2.5	34.5	22.8	1.0	0.0	1461
4.0	2.4	2.4	34.5	22.8	1.0	0.0	1461
4.5	2.3	2.3	34.5	22.8	1.0	0.0	1461
5.0	2.2	2.2	34.5	22.8	1.0	0.0	1461
5.5	2.1	2.1	34.5	22.8	1.0	0.0	1461
6.0	2.0	2.0	34.5	22.8	1.0	0.0	1461
6.5	1.9	1.9	34.5	22.8	1.0	0.0	1461
7.0	1.8	1.8	34.5	22.8	1.0	0.0	1461
7.5	1.7	1.7	34.5	22.8	1.0	0.0	1461
8.0	1.6	1.6	34.5	22.8	1.0	0.0	1461
8.5	1.5	1.5	34.5	22.8	1.0	0.0	1461
9.0	1.4	1.4	34.5	22.8	1.0	0.0	1461
9.5	1.3	1.3	34.5	22.8	1.0	0.0	1461
10.0	1.2	1.2	34.5	22.8	1.0	0.0	1461
10.5	1.1	1.1	34.5	22.8	1.0	0.0	1461
11.0	1.0	1.0	34.5	22.8	1.0	0.0	1461
11.5	0.9	0.9	34.5	22.8	1.0	0.0	1461
12.0	0.8	0.8	34.5	22.8	1.0	0.0	1461
12.5	0.7	0.7	34.5	22.8	1.0	0.0	1461
13.0	0.6	0.6	34.5	22.8	1.0	0.0	1461
13.5	0.5	0.5	34.5	22.8	1.0	0.0	1461
14.0	0.4	0.4	34.5	22.8	1.0	0.0	1461
14.5	0.3	0.3	34.5	22.8	1.0	0.0	1461
15.0	0.2	0.2	34.5	22.8	1.0	0.0	1461
15.5	0.1	0.1	34.5	22.8	1.0	0.0	1461
16.0	0.0	0.0	34.5	22.8	1.0	0.0	1461
16.5	0.0	0.0	34.5	22.8	1.0	0.0	1461
17.0	0.0	0.0	34.5	22.8	1.0	0.0	1461
17.5	0.0	0.0	34.5	22.8	1.0	0.0	1461
18.0	0.0	0.0	34.5	22.8	1.0	0.0	1461
18.5	0.0	0.0	34.5	22.8	1.0	0.0	1461
19.0	0.0	0.0	34.5	22.8	1.0	0.0	1461
19.5	0.0	0.0	34.5	22.8	1.0	0.0	1461
20.0	0.0	0.0	34.5	22.8	1.0	0.0	1461
20.5	0.0	0.0	34.5	22.8	1.0	0.0	1461
21.0	0.0	0.0	34.5	22.8	1.0	0.0	1461
21.5	0.0	0.0	34.5	22.8	1.0	0.0	1461
22.0	0.0	0.0	34.5	22.8	1.0	0.0	1461
22.5	0.0	0.0	34.5	22.8	1.0	0.0	1461
23.0	0.0	0.0	34.5	22.8	1.0	0.0	1461
23.5	0.0	0.0	34.5	22.8	1.0	0.0	1461
24.0	0.0	0.0	34.5	22.8	1.0	0.0	1461
24.5	0.0	0.0	34.5	22.8	1.0	0.0	1461
25.0	0.0	0.0	34.5	22.8	1.0	0.0	1461
25.5	0.0	0.0	34.5	22.8	1.0	0.0	1461
26.0	0.0	0.0	34.5	22.8	1.0	0.0	1461
26.5	0.0	0.0	34.5	22.8	1.0	0.0	1461
27.0	0.0	0.0	34.5	22.8	1.0	0.0	1461
27.5	0.0	0.0	34.5	22.8	1.0	0.0	1461
28.0	0.0	0.0	34.5	22.8	1.0	0.0	1461
28.5	0.0	0.0	34.5	22.8	1.0	0.0	1461
29.0	0.0	0.0	34.5	22.8	1.0	0.0	1461
29.5	0.0	0.0	34.5	22.8	1.0	0.0	1461
30.0	0.0	0.0	34.5	22.8	1.0	0.0	1461
30.5	0.0	0.0	34.5	22.8	1.0	0.0	1461
31.0	0.0	0.0	34.5	22.8	1.0	0.0	1461
31.5	0.0	0.0	34.5	22.8	1.0	0.0	1461
32.0	0.0	0.0	34.5	22.8	1.0	0.0	1461
32.5	0.0	0.0	34.5	22.8	1.0	0.0	1461
33.0	0.0	0.0	34.5	22.8	1.0	0.0	1461
33.5	0.0	0.0	34.5	22.8	1.0	0.0	1461
34.0	0.0	0.0	34.5	22.8	1.0	0.0	1461
34.5	0.0	0.0	34.5	22.8	1.0	0.0	1461
35.0	0.0	0.0	34.5	22.8	1.0	0.0	1461
35.5	0.0	0.0	34.5	22.8	1.0	0.0	1461
36.0	0.0	0.0	34.5	22.8	1.0	0.0	1461
36.5	0.0	0.0	34.5	22.8	1.0	0.0	1461
37.0	0.0	0.0	34.5	22.8	1.0	0.0	1461
37.5	0.0	0.0	34.5	22.8	1.0	0.0	1461
38.0	0.0	0.0	34.5	22.8	1.0	0.0	1461
38.5	0.0	0.0	34.5	22.8	1.0	0.0	1461
39.0	0.0	0.0	34.5	22.8	1.0	0.0	1461
39.5	0.0	0.0	34.5	22.8	1.0	0.0	1461
40.0	0.0	0.0	34.5	22.8	1.0	0.0	1461
40.5	0.0	0.0	34.5	22.8	1.0	0.0	1461
41.0	0.0	0.0	34.5	22.8	1.0	0.0	1461
41.5	0.0	0.0	34.5	22.8	1.0	0.0	1461
42.0	0.0	0.0	34.5	22.8	1.0	0.0	1461
42.5	0.0	0.0	34.5	22.8	1.0	0.0	1461
43.0	0.0	0.0	34.5	22.8	1.0	0.0	1461
43.5	0.0	0.0	34.5	22.8	1.0	0.0	1461
44.0	0.0	0.0	34.5	22.8	1.0	0.0	1461
44.5	0.0	0.0	34.5	22.8	1.0	0.0	1461
45.0	0.0	0.0	34.5	22.8	1.0	0.0	1461
45.5	0.0	0.0	34.5	22.8	1.0	0.0	1461
46.0	0.0	0.0	34.5	22.8	1.0	0.0	1461
46.5	0.0	0.0	34.5	22.8	1.0	0.0	1461
47.0	0.0	0.0	34.5	22.8	1.0	0.0	1461
47.5	0.0	0.0	34.5	22.8	1.0	0.0	1461
48.0	0.0	0.0	34.5	22.8	1.0	0.0	1461
48.5	0.0	0.0	34.5	22.8	1.0	0.0	1461
49.0	0.0	0.0	34.5	22.8	1.0	0.0	1461
49.5	0.0	0.0	34.5	22.8	1.0	0.0	1461
50.0	0.0	0.0	34.5	22.8	1.0	0.0	1461
50.5	0.0	0.0	34.5	22.8	1.0	0.0	1461
51.0	0.0	0.0	34.5	22.8	1.0	0.0	1461
51.5	0.0	0.0	34.5	22.8	1.0	0.0	1461
52.0	0.0	0.0	34.5	22.8	1.0	0.0	1461
52.5	0.0	0.0	34.5	22.8	1.0	0.0	1461
53.0	0.0	0.0	34.5	22.8	1.0	0.0	1461
53.5	0.0	0.0	34.5	22.8	1.0	0.0	1461
54.0	0.0	0.0	34.5	22.8	1.0	0.0	1461
54.5	0.0	0.0	34.5	22.8	1.0	0.0	1461
55.0	0.0	0.0	34.5	22.8	1.0	0.0	1461
55.5	0.0	0.0	34.5	22.8	1.0	0.0	1461
56.0	0.0	0.0	34.5	22.8	1.0	0.0	1461
56.5	0.0	0.0	34.5	22.8	1.0	0.0	1461
57.0	0.0	0.0	34.5	22.8	1.0	0.0	1461
57.5	0.0	0.0	34.5	22.8	1.0	0.0	1461
58.0	0.0	0.0	34.5	22.8	1.0	0.0	1461
58.5	0.0	0.0	34.5	22.8	1.0	0.0	1461
59.0	0.0	0.0	34.5	22.8	1.0	0.0	1461
59.5	0.0	0.0	34.5	22.8	1.0	0.0	1461
60.0	0.0	0.0	34.5	22.8	1.0	0.0	1461
60.5	0.0	0.0	34.5	22.8	1.0	0.0	1461
61.0	0.0	0.0	34.5	22.8	1.0	0.0	1461
61.5	0.0	0.0	34.5	22.8	1.0	0.0	1461
62.0	0.0	0.0	34.5	22.8	1.0	0.0	1461
62.5	0.0	0.0	34.5	22.8	1.0	0.0	1461
63.0	0.0	0.0	34.5	22.8	1.0	0.0	1461
63.5	0.0	0.0	34.5	22.8	1.0	0.0	1461
64.0	0.0	0.0	34.5	22.8	1.0	0.0	1461
64.5	0.0	0.0	34.5	22.8	1.0	0.0	1461
65.0	0.0	0.0	34.5	22.8	1.0	0.0	1461
65.5	0.0	0.0	34.5	22.8	1.0	0.0	1461
66.0	0.0	0.0	34.5	22.8	1.0	0.0	1461
66.5	0.0	0.0	34.5	22.8	1.0	0.0	1461
67.0	0.0	0.0	34.5	22.8	1.0	0.0	1461
67.5	0.0	0.0	34.5	22.8	1.0	0.0	1461
68.0	0.0	0.0	34.5	22.8	1.0	0.0	1461
68.5	0.0	0.0	34.5	22.8	1.0	0.0	1461
69.0	0.0	0.0	34.5	22.8	1.0	0.0	1461
69.5	0.0	0.0	34.5	22.8	1.0	0.0	1461
70.0	0.0	0.0	34.5	22.8	1.0	0.0	1461
70.5	0.0	0.0	34.5	22.8	1.0	0.0	1461
71.0	0.0	0.0	34.5	22.8	1.0	0.0	1461
71.5	0.0	0.0	34.5	22.8	1.0	0.0	1461
72.0	0.0	0.0	34.5	22.8	1.0	0.0	1461
72.5	0.0	0.0	34.5	22.8	1.0	0.0	1461
73.0	0.0	0.0	34.5	22.8	1.0	0.0	1461

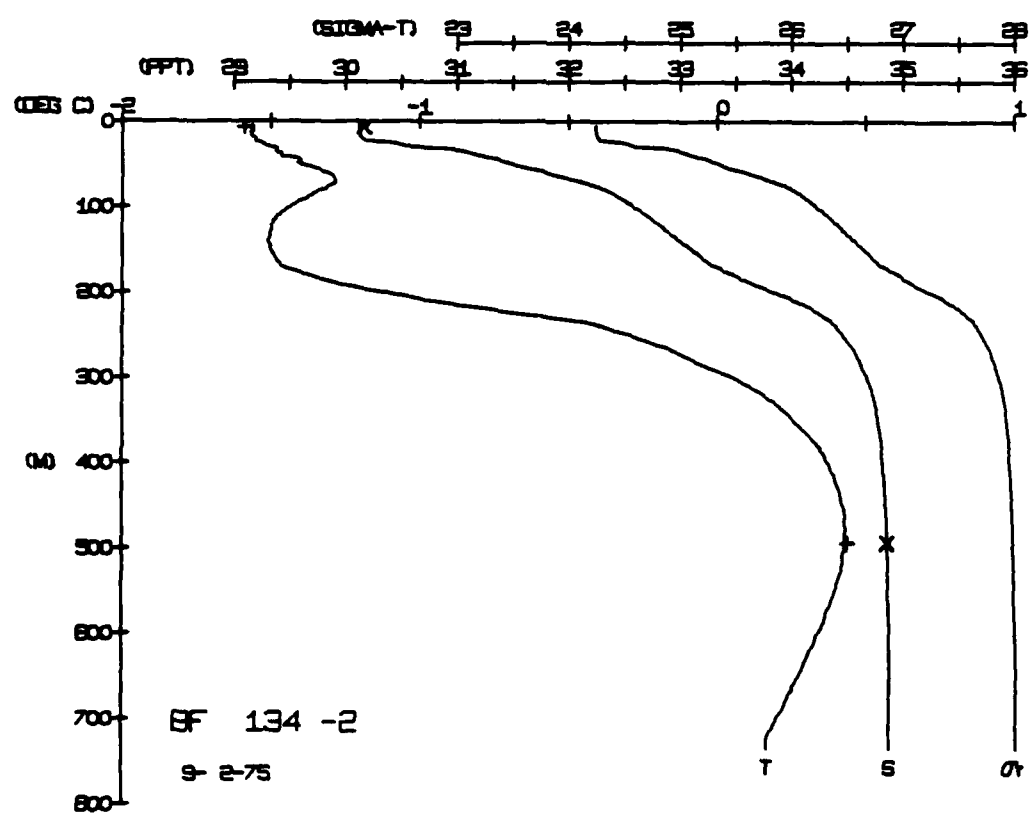
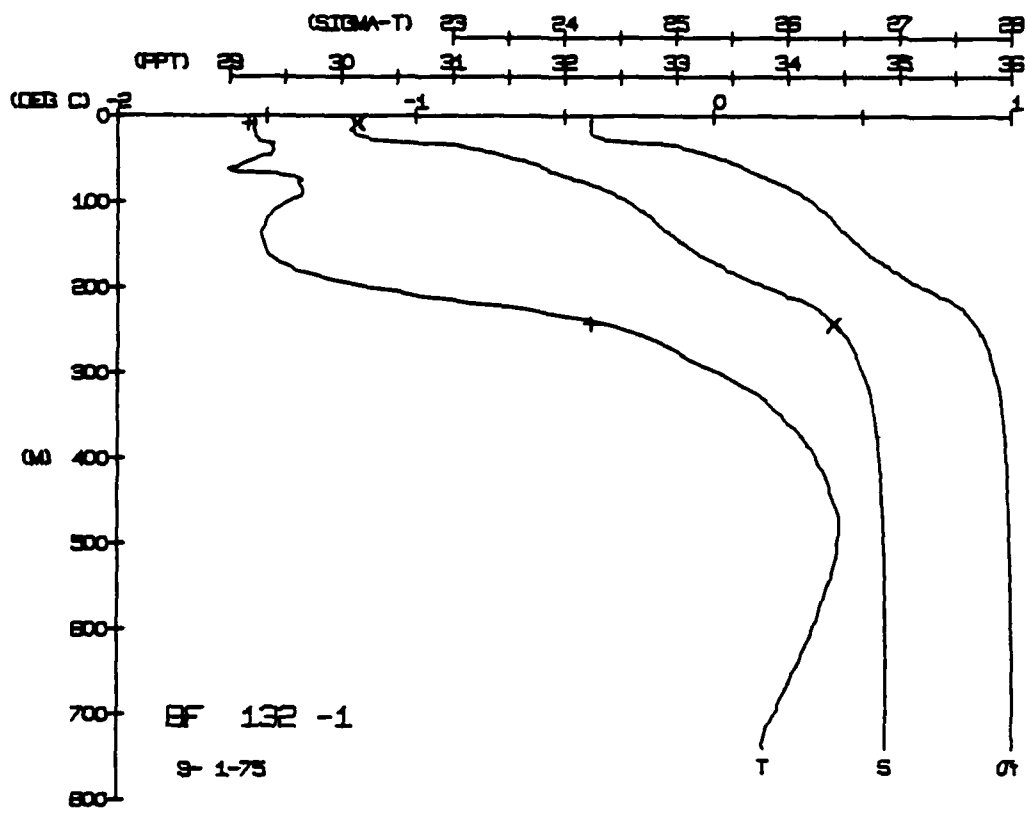
DEPTH 5.6
TEMP -1.51
SALIN 34.85
HOT NUM = 1
HOT NUM = 2

BLUE FOX STATION 130(1) CTD 31/AUG/1975 1801 GMT CODE = 2
LAT = 74.1803N LMG = 136.5165W LTER = 0 LGER = 0
AIR TEMP = -5.1 BARUM = 1007.8 WIND = 299.5 SPEED = 35.4

DEPTH TEMP PTEMP SALIN SIG T SPVOL DYNHT SOUND

DEPTH	TEMP	PTEMP	SALIN	SIG T	SPVOL	DYNHT	SOUND
0.0	1.6	1.6	34.5	22.8	1.0	0.0	1462
0.5	1.5	1.5	34.5	22.8	1.0	0.0	1461
1.0	1.4	1.4	34.5	22.8	1.0	0.0	1461
1.5	1.3	1.3	34.5	22.8	1.0	0.0	1461
2.0	1.2	1.2	34.5	22.8	1.0	0.0	1461
2.5	1.1	1.1	34.5	22.8	1.0	0.0	1461
3.0	1.0	1.0	34.5	22.8	1.0	0.0	1461
3.5	0.9	0.9	34.5	22.8	1.0	0.0	1461
4.0	0.8	0.8	34.5	22.8	1.0	0.0	1461
4.5	0.7	0.7	34.5	22.8	1.0	0.0	1461
5.0	0.6	0.6	34.5	22.8	1.0	0.0	1461
5.5	0.5	0.5	34.5	22.8	1.0	0.0	1461
6.0	0.4	0.4	34.5	22.8	1.0	0.0	1461
6.5	0.3	0.3	34.5	22.8	1.0	0.0	1461
7.0	0.2	0.2	34.5	22.8	1.0	0.0	1461
7.5	0.1	0.1	34.5	22.8	1.0	0.0	1461
8.0	0.0	0.0	34.5	22.8	1.0		

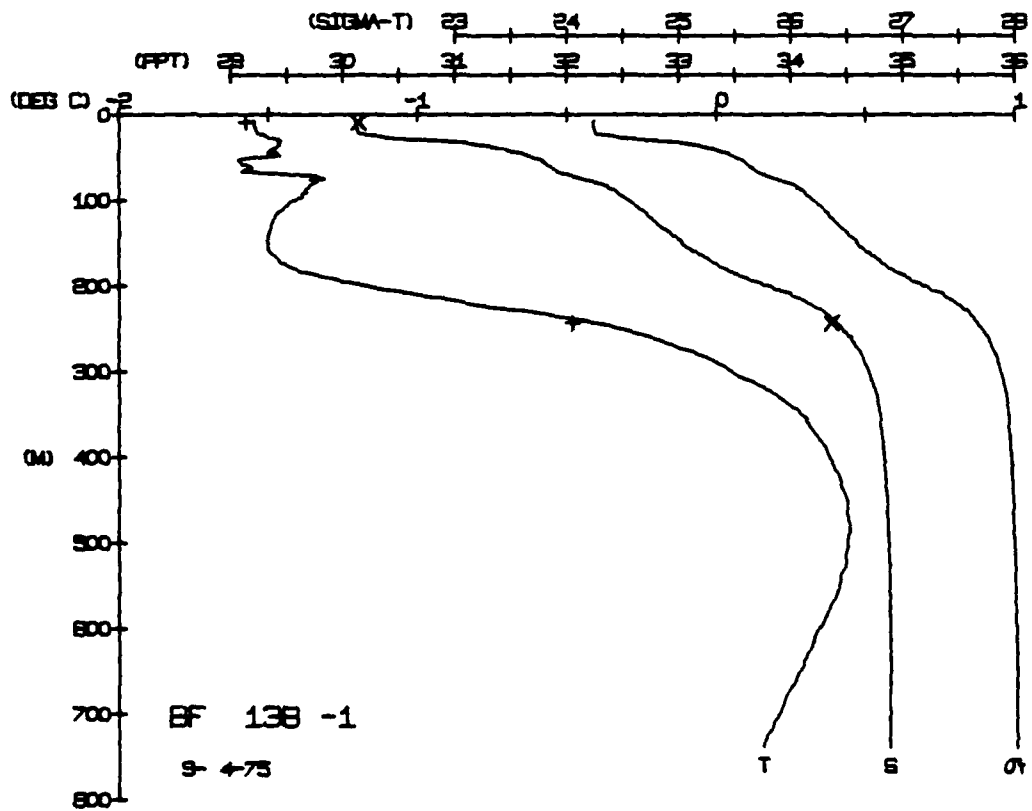
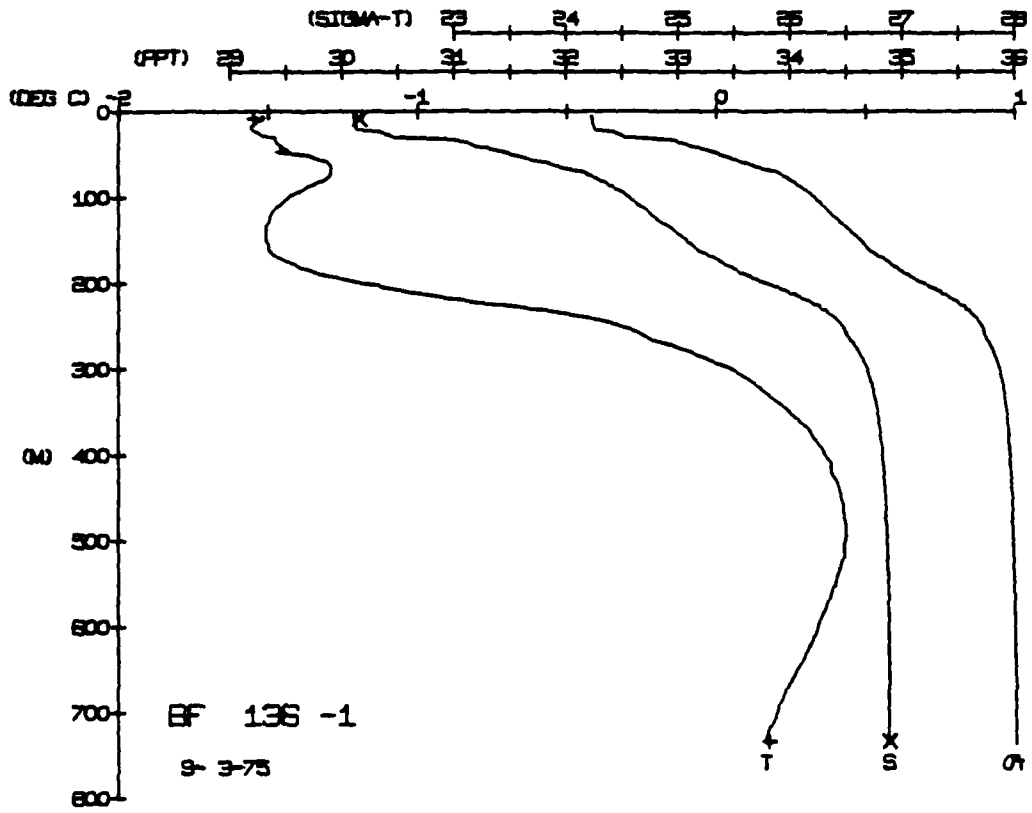


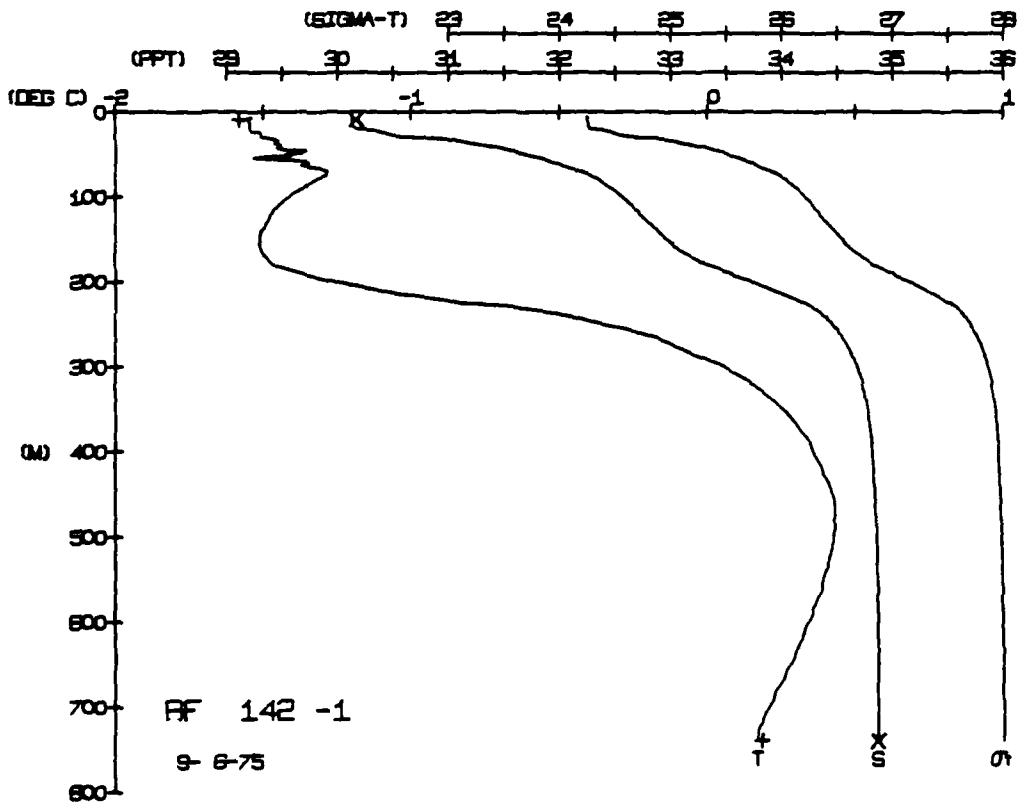
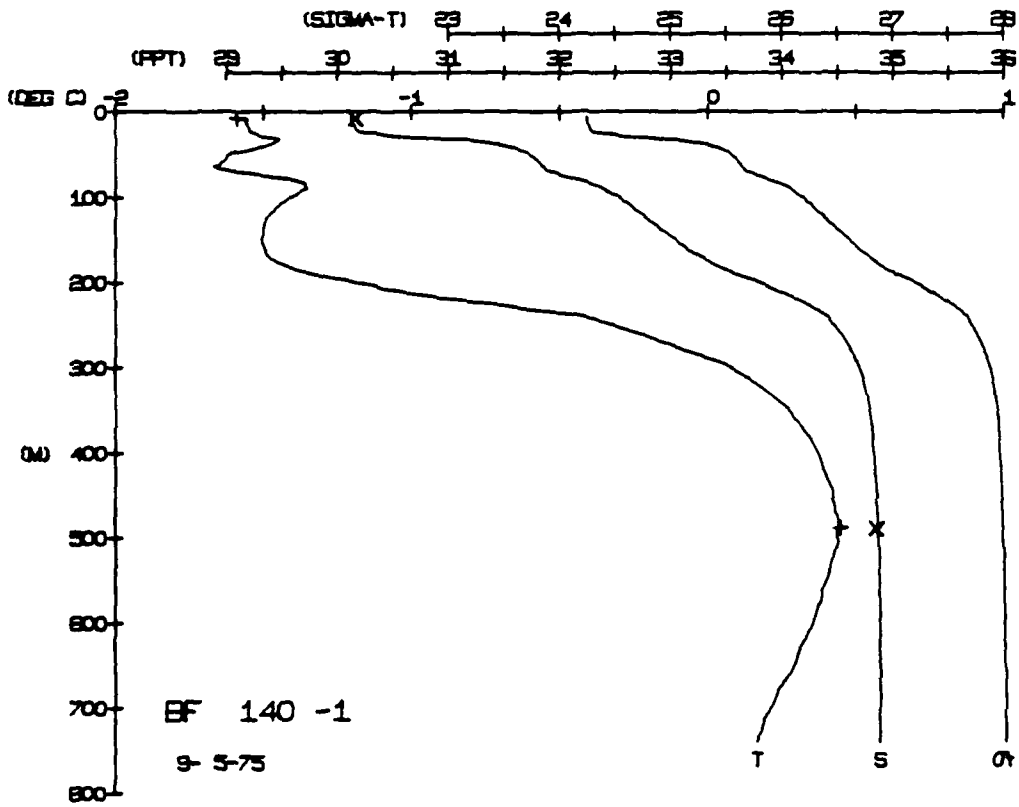


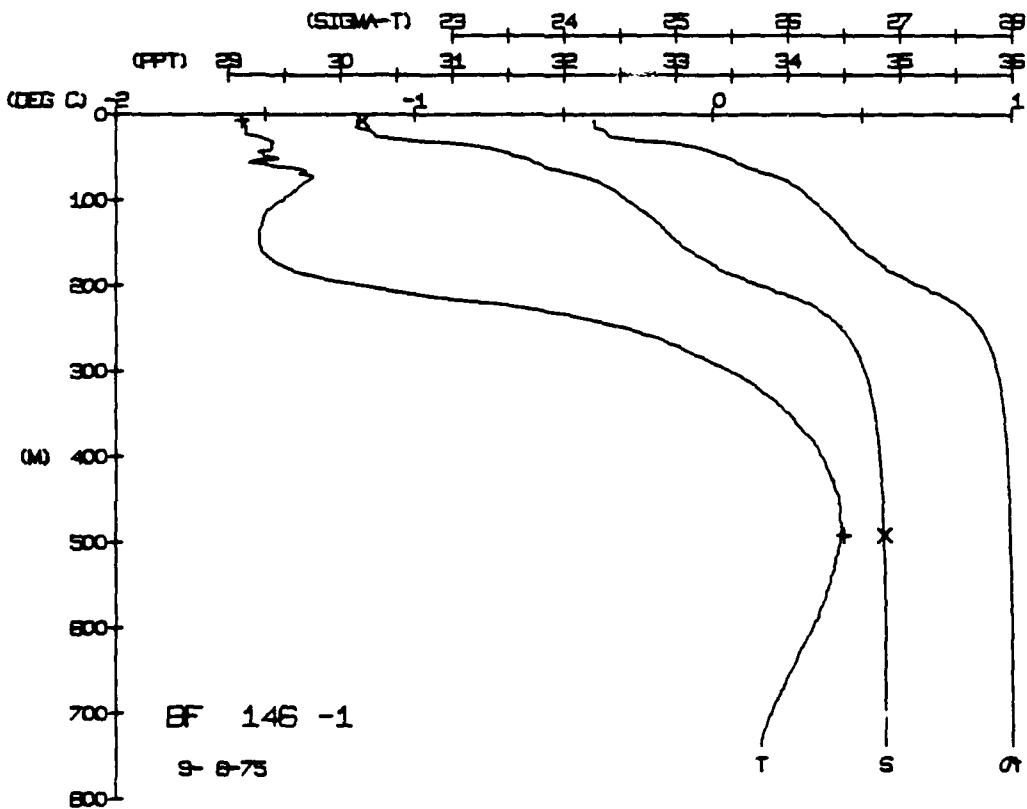
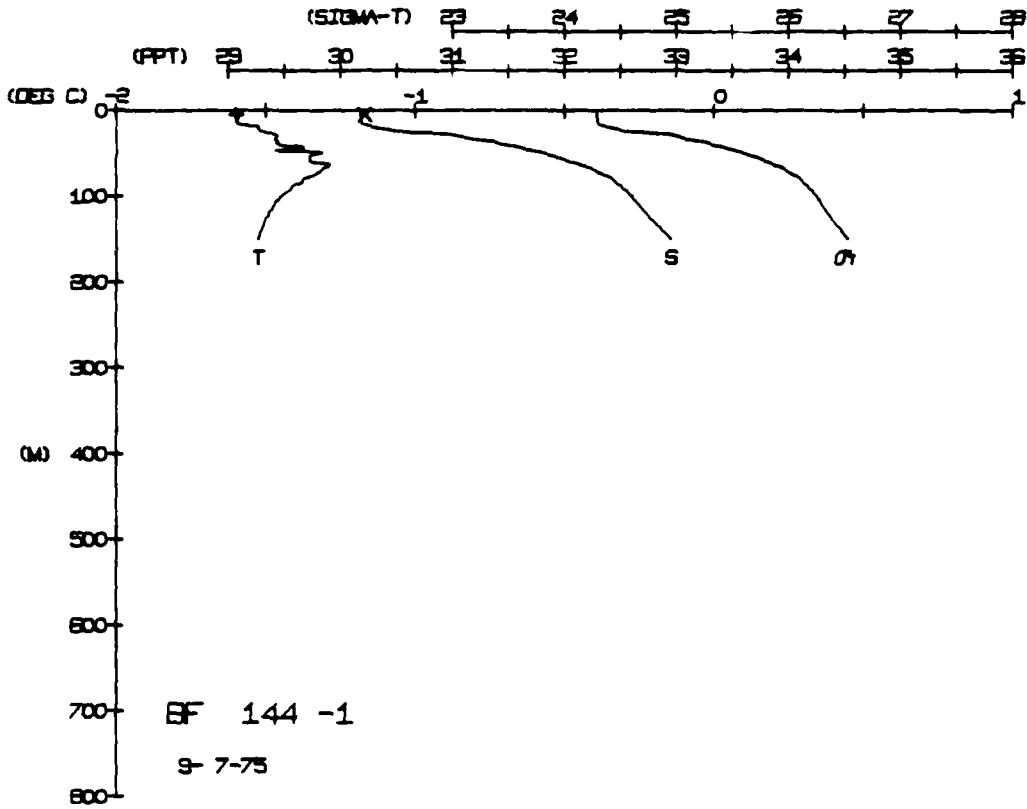
BLUE FOX STATION 136(1) CTD 4/SEP/1975 1800 GMT CODE = 2
LAT = 74.0253N LNG = 136.063W LIGR = 0 LGR = 0
AIR TEMP = -1.3 BAROM = 1003.1 WIND = 140.8 SPEED = 36.9

BLUE FOX STATION 136(1) CTD 4/SEP/1975 1800 GMT CODE = 2
LAT = 74.0253N LNG = 136.063W LIGR = 0 LGR = 0
AIR TEMP = -1.3 BAROM = 1003.1 WIND = 140.8 SPEED = 36.9

DEPTH	TEMP	PTEMP	SALIN	SIG T	SPVUL	DYHHT	SOUND
0	52	52	30	10	0	0	1435
5	52	52	30	10	0	0	1435
10	52	52	30	10	0	0	1435
15	52	52	30	10	0	0	1435
20	52	52	30	10	0	0	1435
25	52	52	30	10	0	0	1435
30	52	52	30	10	0	0	1435
35	52	52	30	10	0	0	1435
40	52	52	30	10	0	0	1435
45	52	52	30	10	0	0	1435
50	52	52	30	10	0	0	1435
55	52	52	30	10	0	0	1435
60	52	52	30	10	0	0	1435
65	52	52	30	10	0	0	1435
70	52	52	30	10	0	0	1435
75	52	52	30	10	0	0	1435
80	52	52	30	10	0	0	1435
85	52	52	30	10	0	0	1435
90	52	52	30	10	0	0	1435
95	52	52	30	10	0	0	1435
100	52	52	30	10	0	0	1435
105	52	52	30	10	0	0	1435
110	52	52	30	10	0	0	1435
115	52	52	30	10	0	0	1435
120	52	52	30	10	0	0	1435
125	52	52	30	10	0	0	1435
130	52	52	30	10	0	0	1435
135	52	52	30	10	0	0	1435
140	52	52	30	10	0	0	1435
145	52	52	30	10	0	0	1435
150	52	52	30	10	0	0	1435
155	52	52	30	10	0	0	1435
160	52	52	30	10	0	0	1435
165	52	52	30	10	0	0	1435
170	52	52	30	10	0	0	1435
175	52	52	30	10	0	0	1435
180	52	52	30	10	0	0	1435
185	52	52	30	10	0	0	1435
190	52	52	30	10	0	0	1435
195	52	52	30	10	0	0	1435
200	52	52	30	10	0	0	1435
205	52	52	30	10	0	0	1435
210	52	52	30	10	0	0	1435
215	52	52	30	10	0	0	1435
220	52	52	30	10	0	0	1435
225	52	52	30	10	0	0	1435
230	52	52	30	10	0	0	1435
235	52	52	30	10	0	0	1435
240	52	52	30	10	0	0	1435
245	52	52	30	10	0	0	1435
250	52	52	30	10	0	0	1435
255	52	52	30	10	0	0	1435
260	52	52	30	10	0	0	1435
265	52	52	30	10	0	0	1435
270	52	52	30	10	0	0	1435
275	52	52	30	10	0	0	1435
280	52	52	30	10	0	0	1435
285	52	52	30	10	0	0	1435
290	52	52	30	10	0	0	1435
295	52	52	30	10	0	0	1435
300	52	52	30	10	0	0	1435
305	52	52	30	10	0	0	1435
310	52	52	30	10	0	0	1435
315	52	52	30	10	0	0	1435
320	52	52	30	10	0	0	1435
325	52	52	30	10	0	0	1435
330	52	52	30	10	0	0	1435
335	52	52	30	10	0	0	1435
340	52	52	30	10	0	0	1435
345	52	52	30	10	0	0	1435
350	52	52	30	10	0	0	1435
355	52	52	30	10	0	0	1435
360	52	52	30	10	0	0	1435
365	52	52	30	10	0	0	1435
370	52	52	30	10	0	0	1435
375	52	52	30	10	0	0	1435
380	52	52	30	10	0	0	1435
385	52	52	30	10	0	0	1435
390	52	52	30	10	0	0	1435
395	52	52	30	10	0	0	1435
400	52	52	30	10	0	0	1435
405	52	52	30	10	0	0	1435
410	52	52	30	10	0	0	1435
415	52	52	30	10	0	0	1435
420	52	52	30	10	0	0	1435
425	52	52	30	10	0	0	1435
430	52	52	30	10	0	0	1435
435	52	52	30	10	0	0	1435
440	52	52	30	10	0	0	1435
445	52	52	30	10	0	0	1435
450	52	52	30	10	0	0	1435
455	52	52	30	10	0	0	1435
460	52	52	30	10	0	0	1435
465	52	52	30	10	0	0	1435
470	52	52	30	10	0	0	1435
475	52	52	30	10	0	0	1435
480	52	52	30	10	0	0	1435
485	52	52	30	10	0	0	1435
490	52	52	30	10	0	0	1435
495	52	52	30	10	0	0	1435
500	52	52	30	10	0	0	1435
505	52	52	30	10	0	0	1435
510	52	52	30	10	0	0	1435
515	52	52	30	10	0	0	1435
520	52	52	30	10	0	0	1435
525	52	52	30	10	0	0	1435
530	52	52	30	10	0	0	1435
535	52	52	30	10	0	0	1435
540	52	52	30	10	0	0	1435
545	52	52	30	10	0	0	1435
550	52	52	30	10	0	0	1435
555	52	52	30	10	0	0	1435
560	52	52	30	10	0	0	1435
565	52	52	30	10	0	0	1435
570	52	52	30	10	0	0	1435
575	52	52	30	10	0	0	1435
580	52	52	30	10	0	0	1435
585	52	52	30	10	0	0	1435
590	52	52	30	10	0	0	1435
595	52	52	30	10	0	0	1435
600	52	52	30	10	0	0	1435
605	52	52	30	10	0	0	1435
610	52	52	30	10	0	0	1435
615	52	52	30	10	0	0	1435
620	52	52	30	10	0	0	1435
625	52	52	30	10	0	0	1435
630	52	52	30	10	0	0	1435
635	52	52	30	10	0	0	1435
640	52	52	30	10	0	0	1435
645	52	52	30	10	0	0	1435
650	52	52	30	10	0	0	1435
655	52	52	30	10	0	0	1435
660	52	52	30	10	0	0	1435
665	52	52	30	10	0	0	1435
670	52	52	30	10	0	0	1435
675	52	52	30	10	0	0	1435
680	52	52	30	10	0	0	1435
685	52	52	30	10	0	0	1435
690	52	52	30	10	0	0	1435
695	52	52	30	10	0	0	1435
700	52	52	30	10	0	0	1435
705	52	52	30	10	0	0	1435
710	52	52	30	10	0	0	1435
715	52	52	30	10	0	0	1435
720	52	52	30	10	0	0	1435
725	52	52	30	10	0	0	1435
730	52	52	30	10	0	0	1435
735	52	52	30	10	0	0	1435
740	52	52	30	10	0	0	1435
745	52	52	30	10	0	0	1435
750	52	52	30	10	0	0	1435
755	52	52	30	10	0	0	1435
760	52	52	30	10	0	0	1435
765	52	52	30	10	0	0	1435
770	52	52	30	10	0	0	1435
775	52	52	30	10	0	0	1435
780	52	52	30	10	0	0	1435
785	52	52	30	10	0	0	1435
790	52	52	30	10	0	0	1435
795	52	52	30	10	0	0	1435
800	52	52	30	10	0	0	1435
805	52	52	30	10	0	0	1435
810	52	52	30	10	0	0	1435
815	52	52	30	10	0	0	1435
820	52	52	30	10	0	0	1435
825	52	52	30	10	0	0	1435
830	52	52	30	10	0	0	1435
835	52	52	30	10	0	0	1435
840	52	52	30	10	0	0	1435
845	52	52	30	10	0	0	1435
850	52	52	30	10	0	0	1435
855	52	52	30	10	0	0	1435
860	52	52	30	10	0	0	1435
865	52	52	30	10	0	0	1435
870	52	52	30	10	0	0	1435
875	52	52	30	10	0	0	1435
880	52	52	30	10	0	0	1435
885	52	52	30	10	0	0	1435
890	52	52	30	10	0	0	1435
895	52	52	30	10	0	0	1435
900	52	52	30	10	0	0	1435
905	52	52	30	10	0	0	1435
910	52	52	30	10	0	0	1435
915	52	52	30	10	0	0	1435
920	52	52	30	10	0	0	1435
925	52	52	30	10	0	0	1435
930	52	52	30	10	0	0	1435
935	52	52	30	10	0	0	1435
940	52	52	30	10	0	0	1435
945	52	52	30	10	0	0	1435
950	52	52	30	10	0	0	1435
955	52	52	30	10	0	0	1435
960	52	52	30	10	0	0	1435
965	52	52	30	10	0	0	1435
970	52	52	30	10	0	0	1435
975	52	52	30	10	0	0	1435
980	52	52	30	10	0	0	1435
985	52						







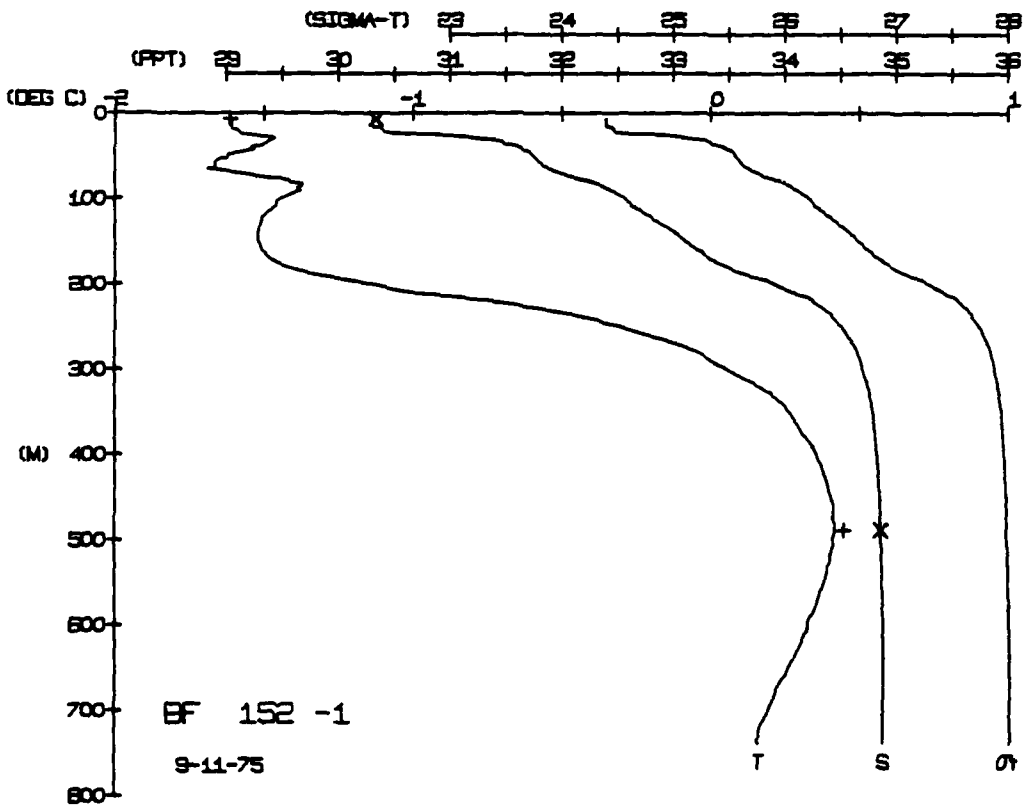
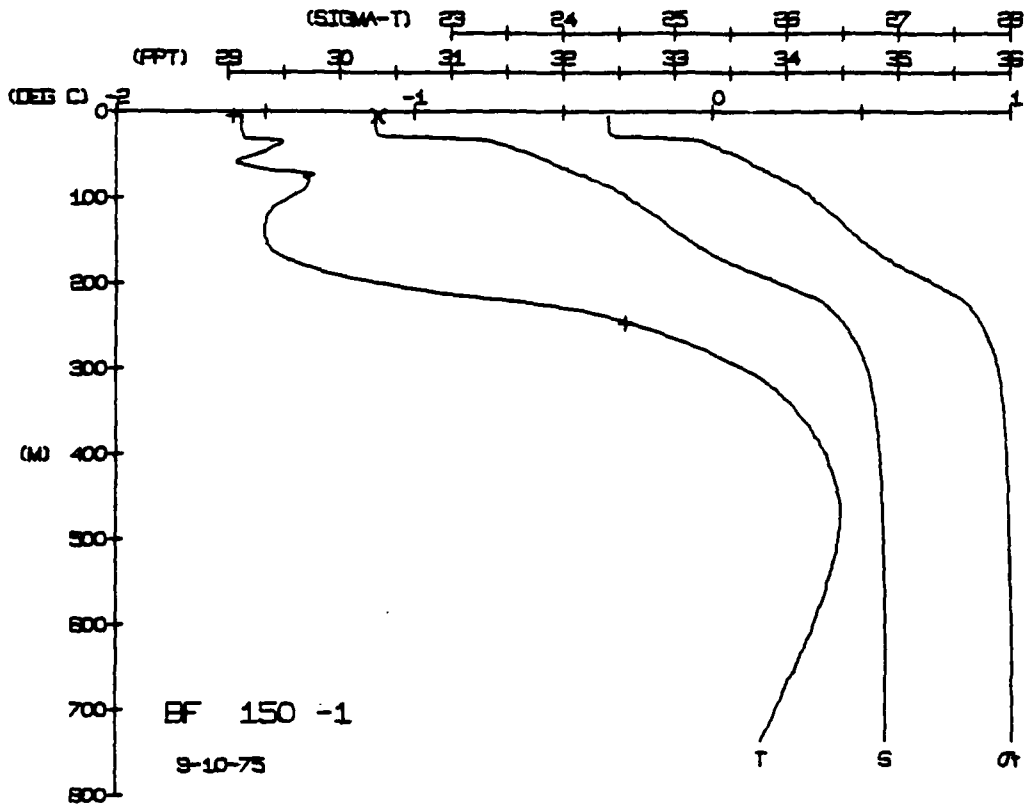
BUOY FOX STATION 150(1) CTD 10/SEP/1975 1800 GMT CODE = 2
LAT = 73.8154N LMG = 135.3546W LTER = 2 LGER = 2
AIR TEMP = -11.1 BAROM = 1013.2 WIND = 239.9 SPEED = 66.8

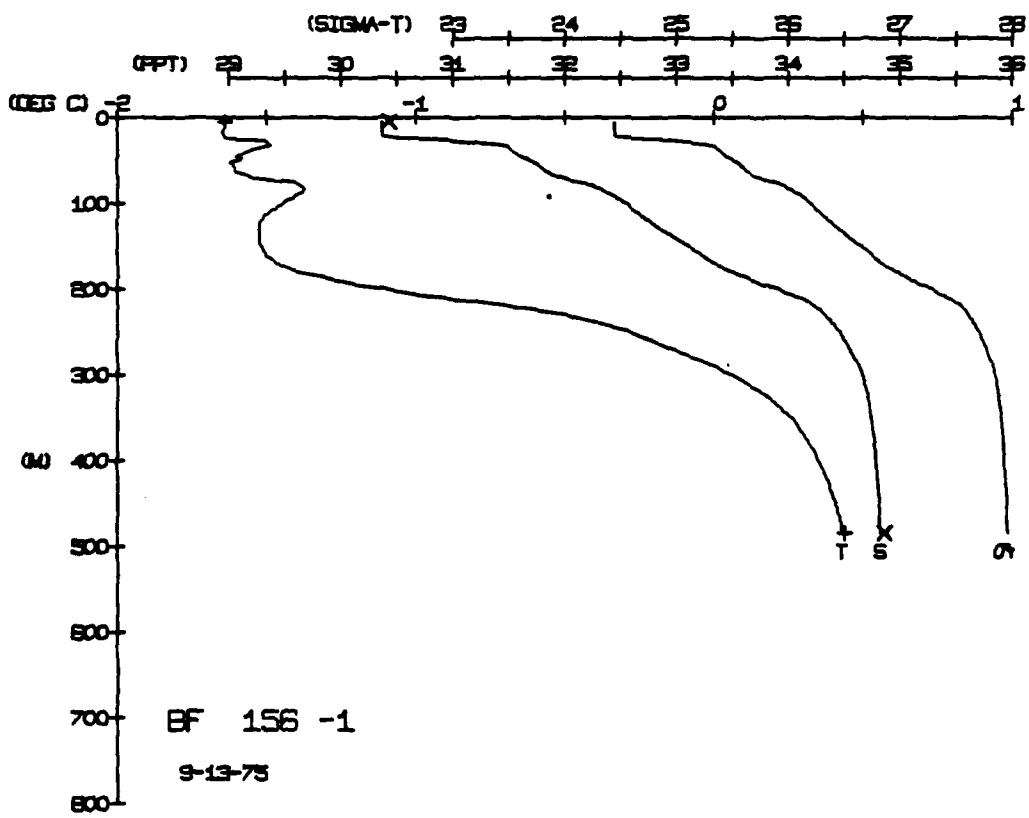
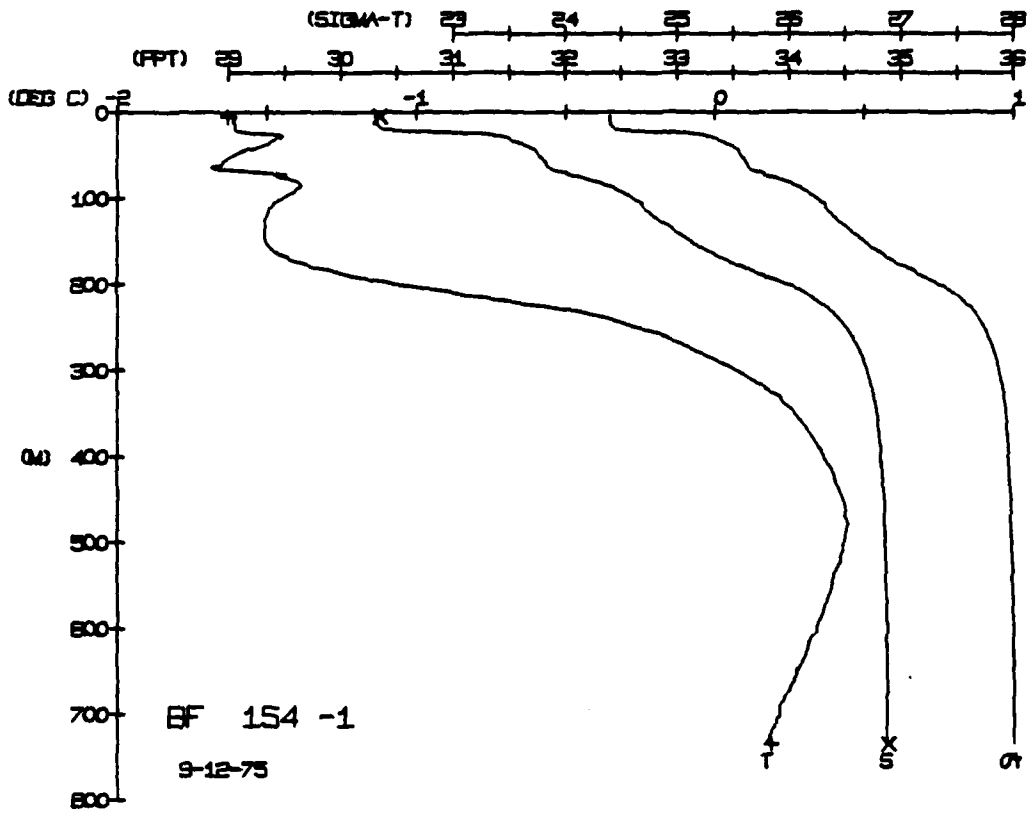
BUOY FOX STATION 152(1) CTD 11/SEP/1975 1803 GMT CODE = 2
LAT = 73.817N LMG = 135.0519W LTER = 0 LGER = 0
AIR TEMP = -0.5 BAROM = 1008.6 WIND = 213.5 SPEED = 73.1

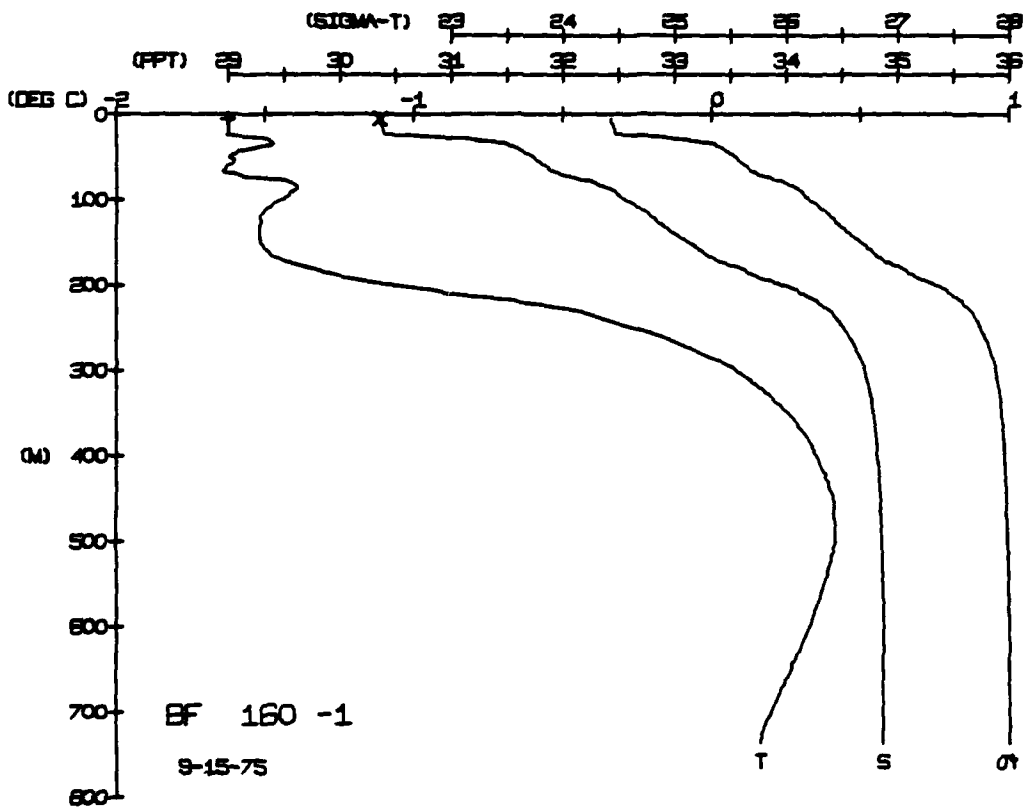
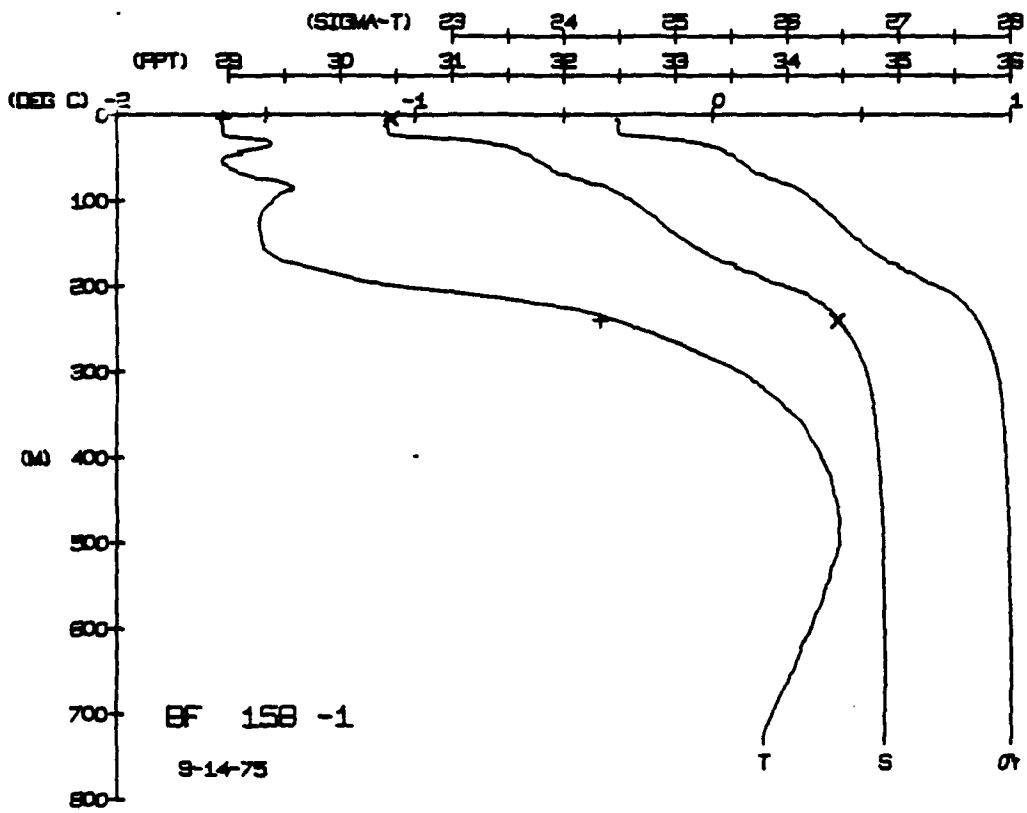
DEPTH	TEMP	PIEMP	SALIN	SIG T	SPVOL	DYHHT	SOUND
0	5.8	1.5	30.0	4.4	7	0	3.4
5	5.8	1.5	30.0	4.4	7	0	3.5
10	5.8	1.5	30.0	4.4	7	0	3.5
15	5.8	1.5	30.0	4.4	7	0	3.5
20	5.8	1.5	30.0	4.4	7	0	3.5
25	5.8	1.5	30.0	4.4	7	0	3.5
30	5.8	1.5	30.0	4.4	7	0	3.5
35	5.8	1.5	30.0	4.4	7	0	3.5
40	5.8	1.5	30.0	4.4	7	0	3.5
45	5.8	1.5	30.0	4.4	7	0	3.5
50	5.8	1.5	30.0	4.4	7	0	3.5
55	5.8	1.5	30.0	4.4	7	0	3.5
60	5.8	1.5	30.0	4.4	7	0	3.5
65	5.8	1.5	30.0	4.4	7	0	3.5
70	5.8	1.5	30.0	4.4	7	0	3.5
75	5.8	1.5	30.0	4.4	7	0	3.5
80	5.8	1.5	30.0	4.4	7	0	3.5
85	5.8	1.5	30.0	4.4	7	0	3.5
90	5.8	1.5	30.0	4.4	7	0	3.5
95	5.8	1.5	30.0	4.4	7	0	3.5
100	5.8	1.5	30.0	4.4	7	0	3.5
105	5.8	1.5	30.0	4.4	7	0	3.5
110	5.8	1.5	30.0	4.4	7	0	3.5
115	5.8	1.5	30.0	4.4	7	0	3.5
120	5.8	1.5	30.0	4.4	7	0	3.5
125	5.8	1.5	30.0	4.4	7	0	3.5
130	5.8	1.5	30.0	4.4	7	0	3.5
135	5.8	1.5	30.0	4.4	7	0	3.5
140	5.8	1.5	30.0	4.4	7	0	3.5
145	5.8	1.5	30.0	4.4	7	0	3.5
150	5.8	1.5	30.0	4.4	7	0	3.5
155	5.8	1.5	30.0	4.4	7	0	3.5
160	5.8	1.5	30.0	4.4	7	0	3.5
165	5.8	1.5	30.0	4.4	7	0	3.5
170	5.8	1.5	30.0	4.4	7	0	3.5
175	5.8	1.5	30.0	4.4	7	0	3.5
180	5.8	1.5	30.0	4.4	7	0	3.5
185	5.8	1.5	30.0	4.4	7	0	3.5
190	5.8	1.5	30.0	4.4	7	0	3.5
195	5.8	1.5	30.0	4.4	7	0	3.5
200	5.8	1.5	30.0	4.4	7	0	3.5
205	5.8	1.5	30.0	4.4	7	0	3.5
210	5.8	1.5	30.0	4.4	7	0	3.5
215	5.8	1.5	30.0	4.4	7	0	3.5
220	5.8	1.5	30.0	4.4	7	0	3.5
225	5.8	1.5	30.0	4.4	7	0	3.5
230	5.8	1.5	30.0	4.4	7	0	3.5
235	5.8	1.5	30.0	4.4	7	0	3.5
240	5.8	1.5	30.0	4.4	7	0	3.5
245	5.8	1.5	30.0	4.4	7	0	3.5
250	5.8	1.5	30.0	4.4	7	0	3.5
255	5.8	1.5	30.0	4.4	7	0	3.5
260	5.8	1.5	30.0	4.4	7	0	3.5
265	5.8	1.5	30.0	4.4	7	0	3.5
270	5.8	1.5	30.0	4.4	7	0	3.5
275	5.8	1.5	30.0	4.4	7	0	3.5
280	5.8	1.5	30.0	4.4	7	0	3.5
285	5.8	1.5	30.0	4.4	7	0	3.5
290	5.8	1.5	30.0	4.4	7	0	3.5
295	5.8	1.5	30.0	4.4	7	0	3.5
300	5.8	1.5	30.0	4.4	7	0	3.5
305	5.8	1.5	30.0	4.4	7	0	3.5
310	5.8	1.5	30.0	4.4	7	0	3.5
315	5.8	1.5	30.0	4.4	7	0	3.5
320	5.8	1.5	30.0	4.4	7	0	3.5
325	5.8	1.5	30.0	4.4	7	0	3.5
330	5.8	1.5	30.0	4.4	7	0	3.5
335	5.8	1.5	30.0	4.4	7	0	3.5
340	5.8	1.5	30.0	4.4	7	0	3.5
345	5.8	1.5	30.0	4.4	7	0	3.5
350	5.8	1.5	30.0	4.4	7	0	3.5
355	5.8	1.5	30.0	4.4	7	0	3.5
360	5.8	1.5	30.0	4.4	7	0	3.5
365	5.8	1.5	30.0	4.4	7	0	3.5
370	5.8	1.5	30.0	4.4	7	0	3.5
375	5.8	1.5	30.0	4.4	7	0	3.5
380	5.8	1.5	30.0	4.4	7	0	3.5
385	5.8	1.5	30.0	4.4	7	0	3.5
390	5.8	1.5	30.0	4.4	7	0	3.5
395	5.8	1.5	30.0	4.4	7	0	3.5
400	5.8	1.5	30.0	4.4	7	0	3.5
405	5.8	1.5	30.0	4.4	7	0	3.5
410	5.8	1.5	30.0	4.4	7	0	3.5
415	5.8	1.5	30.0	4.4	7	0	3.5
420	5.8	1.5	30.0	4.4	7	0	3.5
425	5.8	1.5	30.0	4.4	7	0	3.5
430	5.8	1.5	30.0	4.4	7	0	3.5
435	5.8	1.5	30.0	4.4	7	0	3.5
440	5.8	1.5	30.0	4.4	7	0	3.5
445	5.8	1.5	30.0	4.4	7	0	3.5
450	5.8	1.5	30.0	4.4	7	0	3.5
455	5.8	1.5	30.0	4.4	7	0	3.5
460	5.8	1.5	30.0	4.4	7	0	3.5
465	5.8	1.5	30.0	4.4	7	0	3.5
470	5.8	1.5	30.0	4.4	7	0	3.5
475	5.8	1.5	30.0	4.4	7	0	3.5
480	5.8	1.5	30.0	4.4	7	0	3.5
485	5.8	1.5	30.0	4.4	7	0	3.5
490	5.8	1.5	30.0	4.4	7	0	3.5
495	5.8	1.5	30.0	4.4	7	0	3.5
500	5.8	1.5	30.0	4.4	7	0	3.5
505	5.8	1.5	30.0	4.4	7	0	3.5
510	5.8	1.5	30.0	4.4	7	0	3.5
515	5.8	1.5	30.0	4.4	7	0	3.5
520	5.8	1.5	30.0	4.4	7	0	3.5
525	5.8	1.5	30.0	4.4	7	0	3.5
530	5.8	1.5	30.0	4.4	7	0	3.5
535	5.8	1.5	30.0	4.4	7	0	3.5
540	5.8	1.5	30.0	4.4	7	0	3.5
545	5.8	1.5	30.0	4.4	7	0	3.5
550	5.8	1.5	30.0	4.4	7	0	3.5
555	5.8	1.5	30.0	4.4	7	0	3.5
560	5.8	1.5	30.0	4.4	7	0	3.5
565	5.8	1.5	30.0	4.4	7	0	3.5
570	5.8	1.5	30.0	4.4	7	0	3.5
575	5.8	1.5	30.0	4.4	7	0	3.5
580	5.8	1.5	30.0	4.4	7	0	3.5
585	5.8	1.5	30.0	4.4	7	0	3.5
590	5.8	1.5	30.0	4.4	7	0	3.5
595	5.8	1.5	30.0	4.4	7	0	3.5
600	5.8	1.5	30.0	4.4	7	0	3.5
605	5.8	1.5	30.0	4.4	7	0	3.5
610	5.8	1.5	30.0	4.4	7	0	3.5
615	5.8	1.5	30.0	4.4	7	0	3.5
620	5.8	1.5	30.0	4.4	7	0	3.5
625	5.8	1.5	30.0	4.4	7	0	3.5
630	5.8	1.5	30.0	4.4	7	0	3.5
635	5.8	1.5	30.0	4.4	7	0	3.5
640	5.8	1.5	30.0	4.4	7	0	3.5
645	5.8	1.5	30.0	4.4	7	0	3.5
650	5.8	1.5	30.0	4.4	7	0	3.5
655	5.8	1.5	30.0	4.4	7	0	3.5
660	5.8	1.5	30.0	4.4	7	0	3.5
665	5.8	1.5	30.0	4.4	7	0	3.5
670	5.8	1.5	30.0	4.4	7	0	3.5
675	5.8	1.5	30.0	4.4	7	0	3.5
680	5.8	1.5	30.0	4.4	7	0	3.5
685	5.8	1.5	30.0	4.4	7	0	3.5
690	5.8	1.5	30.0	4.4	7	0	3.5
695	5.8	1.5	30.0	4.4	7	0	3.5
700	5.8	1.5	30.0	4.4	7	0	3.5
705	5.8	1.5	30.0	4.4	7	0	3.5
710	5.8	1.5	30.0	4.4	7	0	3.5
715	5.8	1.5	30.0	4.4	7	0	3.5
720	5.8	1.5	30.0	4.4	7	0	3.5
725	5.8	1.5	30.0	4.4	7	0	3.5
730	5.8	1.5	30.0	4.4	7	0	3.5

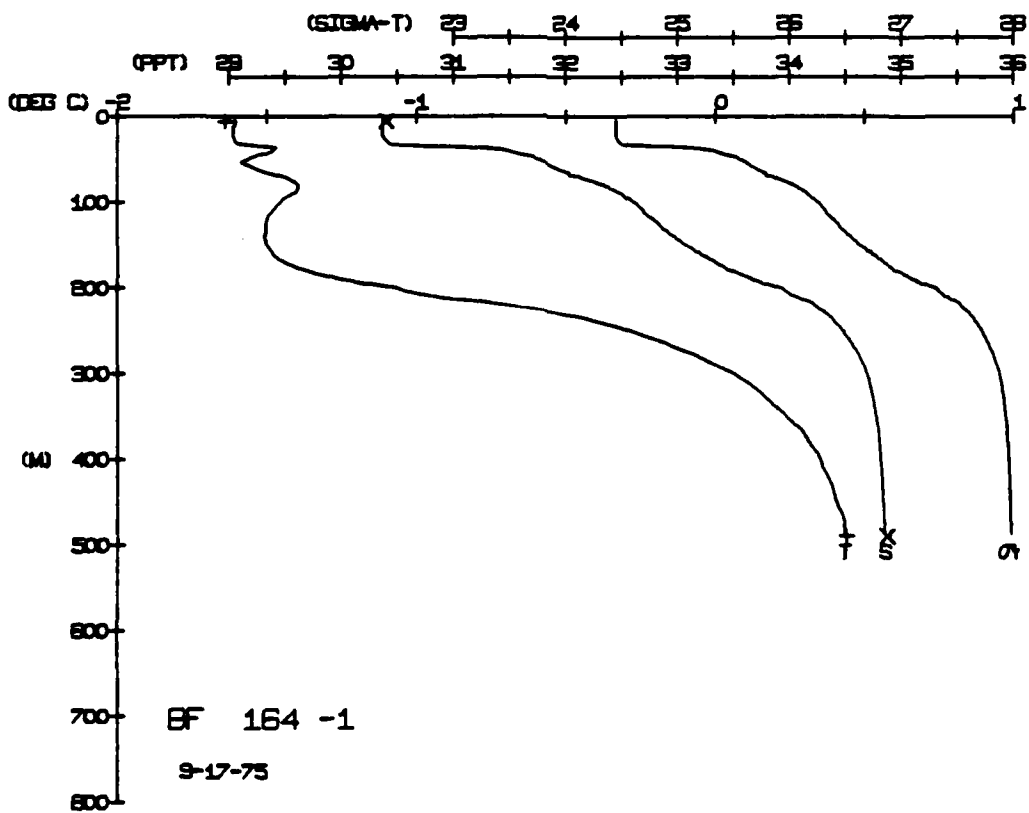
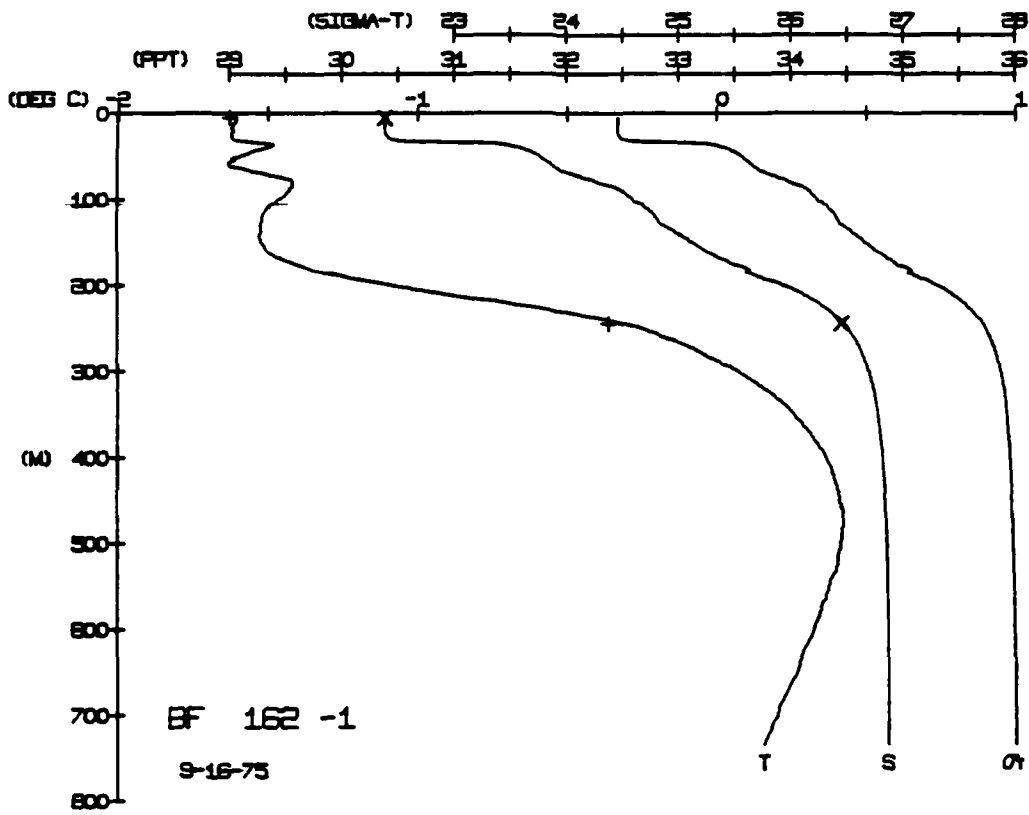
DEPTH 4.9
TEMP -1.61
SALIN 30.34
ROT NUM = 1
ROT NUM = 2

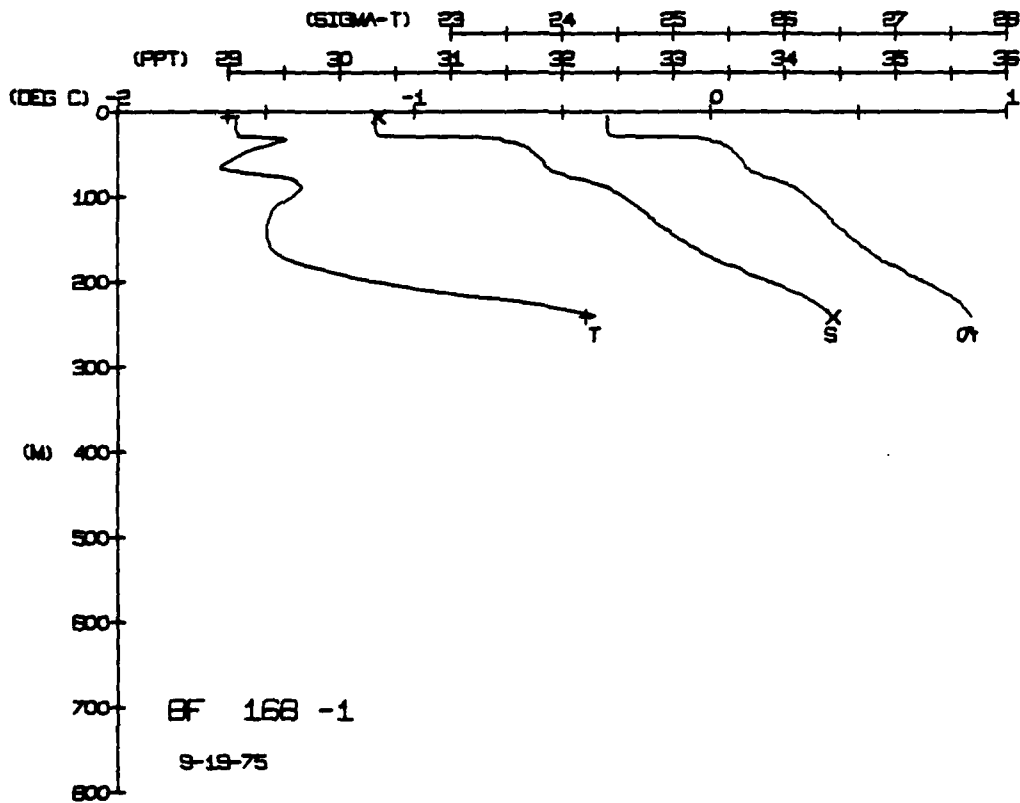
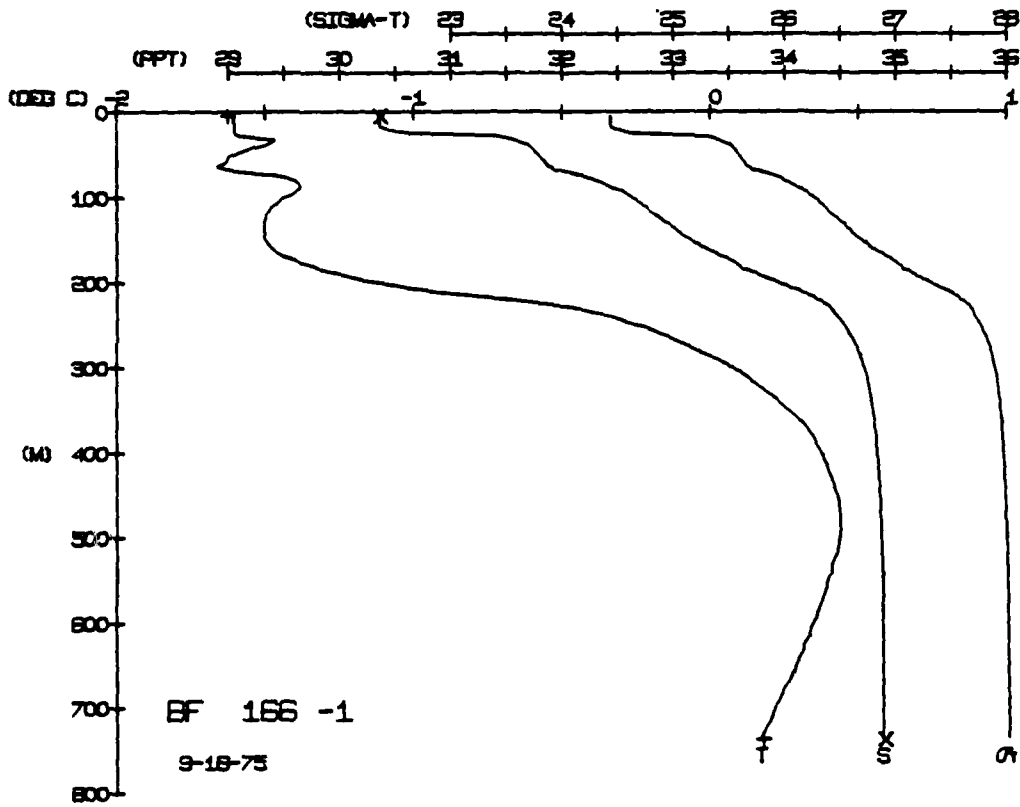
DEPTH 6.5
TEMP -1.62
SALIN 30.33
ROT NUM = 1
ROT NUM = 2











BLUE FOX STATION 170(1) CID 20/SEP/1975 1800 GMT CODE = 2
LAT = 73.7569M LNC = 134.9539M LITER = 97 LGER = 117.6
AIR TEMP = -6.8 BARUM = 1015.7 WIND = 30.5 SPEED = 58.6

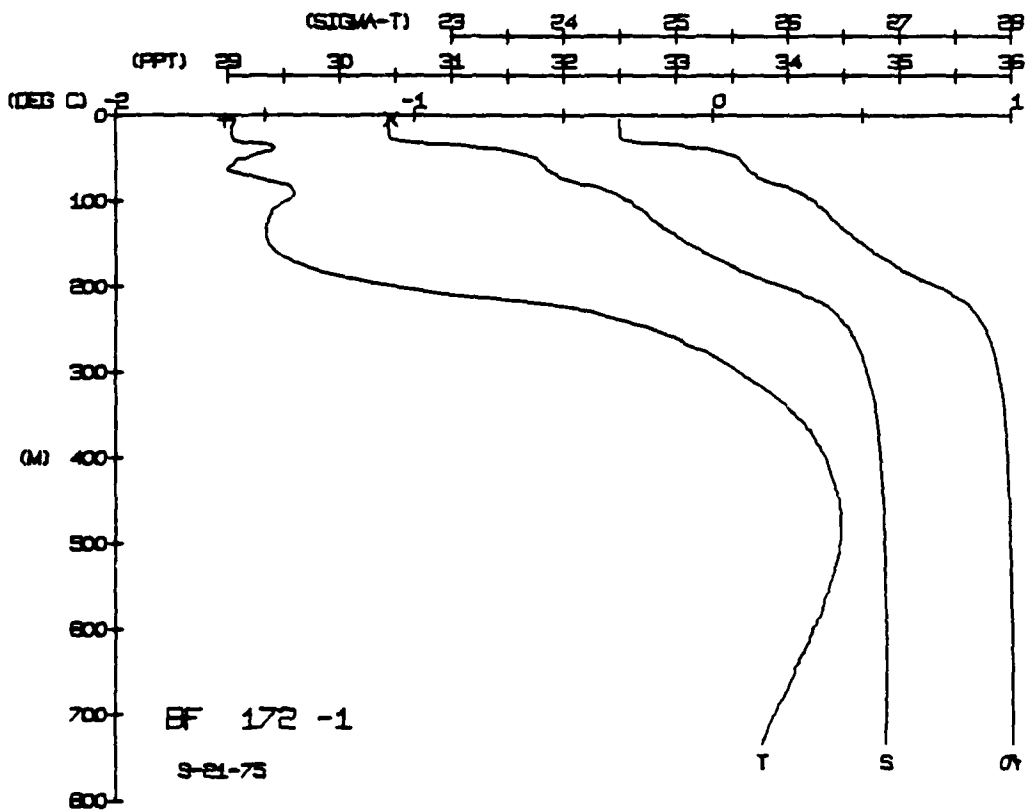
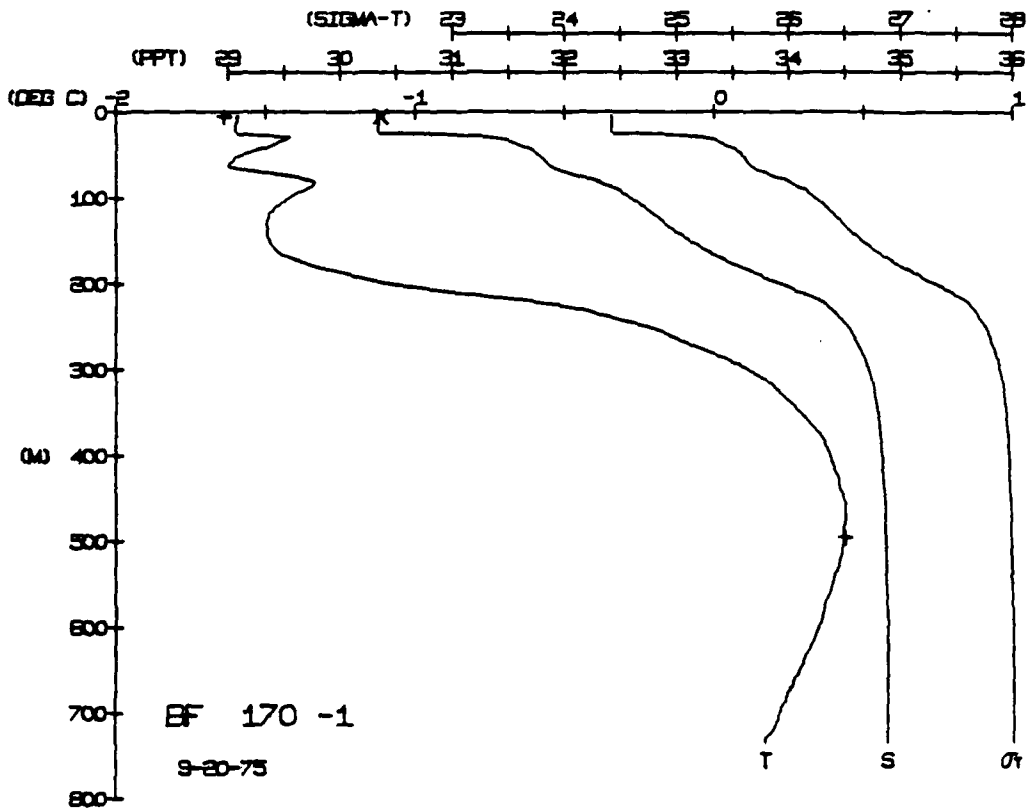
DEPTH	TEMP	PIERP	SALIN	SIG T	SPVUL	DYNHT	SOUND
0	55.99	00	33.33	1.11	2.22	00.00	2.33
5	55.99	00	33.33	1.11	2.22	00.00	2.33
10	55.99	00	33.33	1.11	2.22	00.00	2.33
15	55.99	00	33.33	1.11	2.22	00.00	2.33
20	55.99	00	33.33	1.11	2.22	00.00	2.33
25	55.99	00	33.33	1.11	2.22	00.00	2.33
30	55.99	00	33.33	1.11	2.22	00.00	2.33
35	55.99	00	33.33	1.11	2.22	00.00	2.33
40	55.99	00	33.33	1.11	2.22	00.00	2.33
45	55.99	00	33.33	1.11	2.22	00.00	2.33
50	55.99	00	33.33	1.11	2.22	00.00	2.33
55	55.99	00	33.33	1.11	2.22	00.00	2.33
60	55.99	00	33.33	1.11	2.22	00.00	2.33
65	55.99	00	33.33	1.11	2.22	00.00	2.33
70	55.99	00	33.33	1.11	2.22	00.00	2.33
75	55.99	00	33.33	1.11	2.22	00.00	2.33
80	55.99	00	33.33	1.11	2.22	00.00	2.33
85	55.99	00	33.33	1.11	2.22	00.00	2.33
90	55.99	00	33.33	1.11	2.22	00.00	2.33
95	55.99	00	33.33	1.11	2.22	00.00	2.33
100	55.99	00	33.33	1.11	2.22	00.00	2.33

DEPTH 0 5 10 15 20 25 30 35 40 45 50 55 60 65 70 75 80 85 90 95 100
TEMP -1.64 0.44
SALIN 30.36
BOT NUM = 1
HUT NUM = 2

BLUE FOX STATION 172(1) CID 21/SEP/1975 1806 GMT CODE = 2
LAT = 73.7769M LNC = 134.5546M LITER = 2 LGER = 3
AIR TEMP = -6.4 BARUM = 1007.9 WIND = 239.0 SPEED = 101.5

DEPTH	TEMP	PIERP	SALIN	SIG T	SPVUL	DYNHT	SOUND
0	66.66	00	33.33	4.44	9.99	00.00	5.55
5	66.66	00	33.33	4.44	9.99	00.00	5.55
10	66.66	00	33.33	4.44	9.99	00.00	5.55
15	66.66	00	33.33	4.44	9.99	00.00	5.55
20	66.66	00	33.33	4.44	9.99	00.00	5.55
25	66.66	00	33.33	4.44	9.99	00.00	5.55
30	66.66	00	33.33	4.44	9.99	00.00	5.55
35	66.66	00	33.33	4.44	9.99	00.00	5.55
40	66.66	00	33.33	4.44	9.99	00.00	5.55
45	66.66	00	33.33	4.44	9.99	00.00	5.55
50	66.66	00	33.33	4.44	9.99	00.00	5.55
55	66.66	00	33.33	4.44	9.99	00.00	5.55
60	66.66	00	33.33	4.44	9.99	00.00	5.55
65	66.66	00	33.33	4.44	9.99	00.00	5.55
70	66.66	00	33.33	4.44	9.99	00.00	5.55
75	66.66	00	33.33	4.44	9.99	00.00	5.55
80	66.66	00	33.33	4.44	9.99	00.00	5.55
85	66.66	00	33.33	4.44	9.99	00.00	5.55
90	66.66	00	33.33	4.44	9.99	00.00	5.55
95	66.66	00	33.33	4.44	9.99	00.00	5.55
100	66.66	00	33.33	4.44	9.99	00.00	5.55

DEPTH 0 5 10 15 20 25 30 35 40 45 50 55 60 65 70 75 80 85 90 95 100
TEMP -1.63
SALIN 30.46
BOT NUM = 1
HUT NUM = 2



AD-A118 203

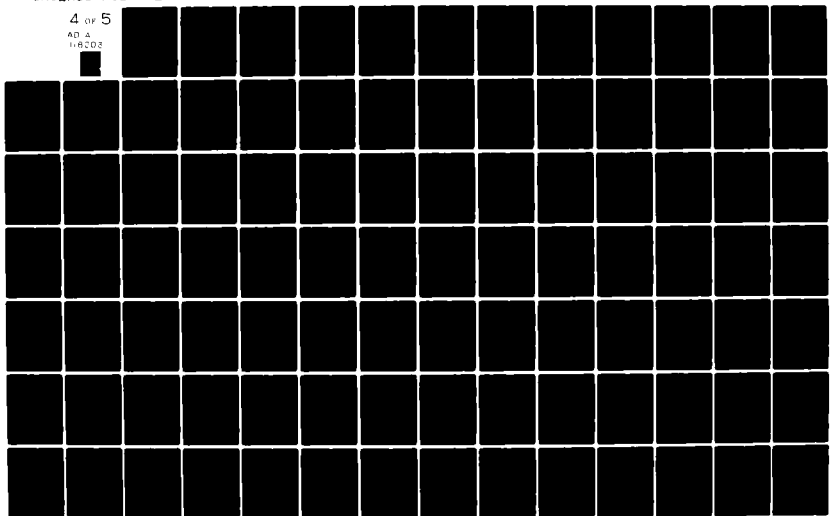
LAMONT-DOHERTY GEOLOGICAL OBSERVATORY PALISADES NY F/6 8/10
ARCTIC ICE DYNAMICS JOINT EXPERIMENT 1975-1976. PHYSICAL OCEANO--ETC(U)
FEB 80 E BAUER, K HUNKINS, T O MANLEY N00014-76-C-0004
LDGO-CU-9-80 NL

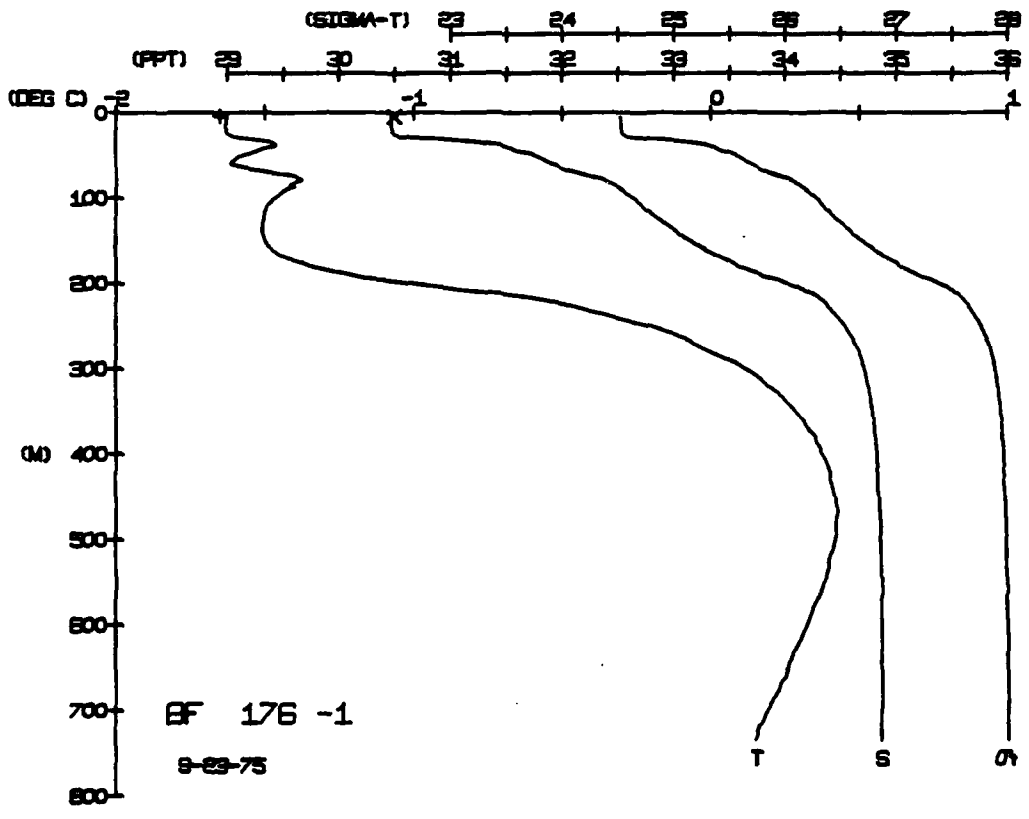
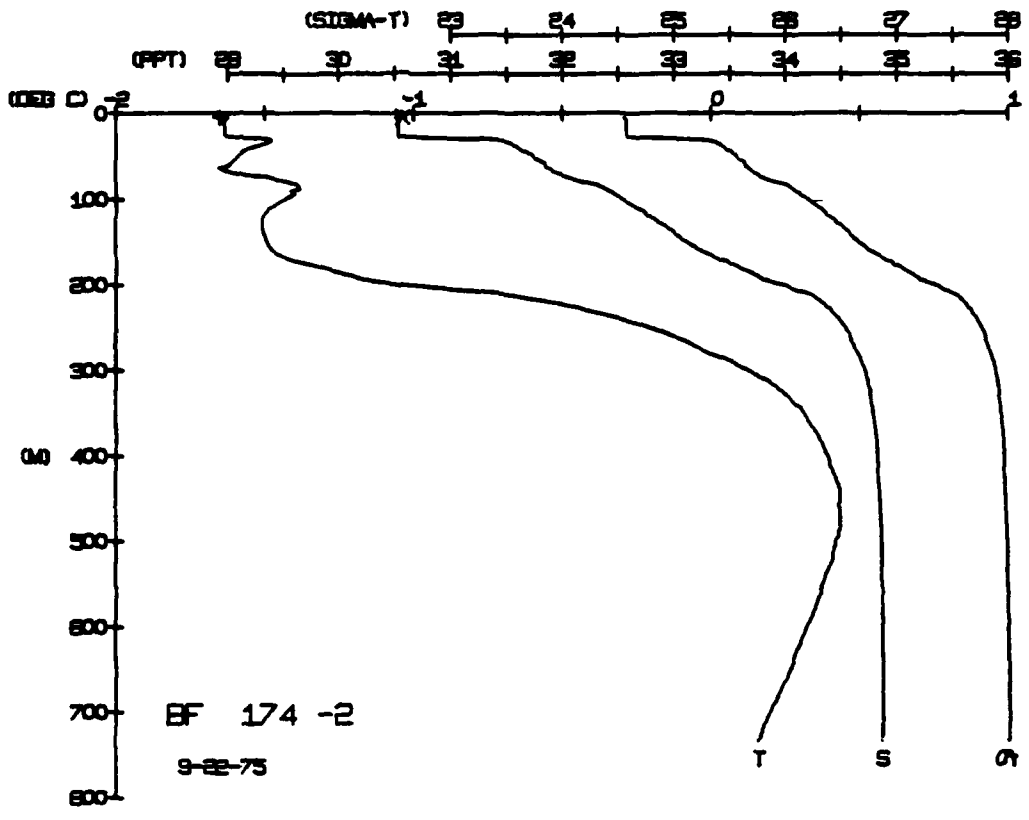
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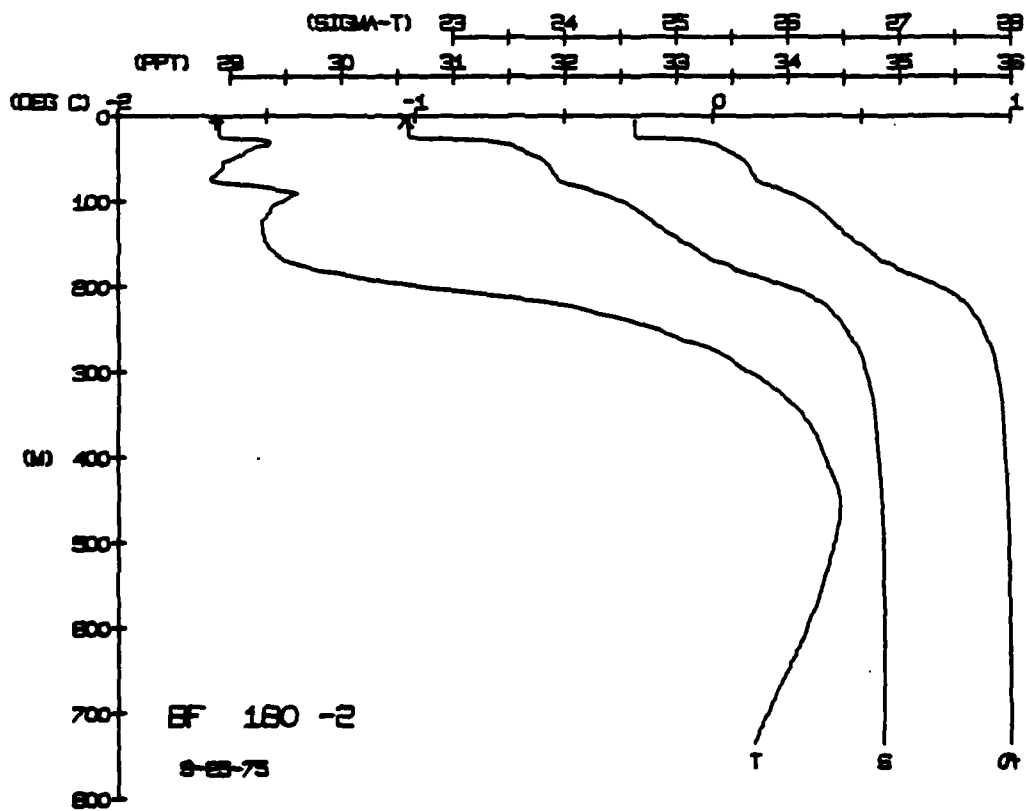
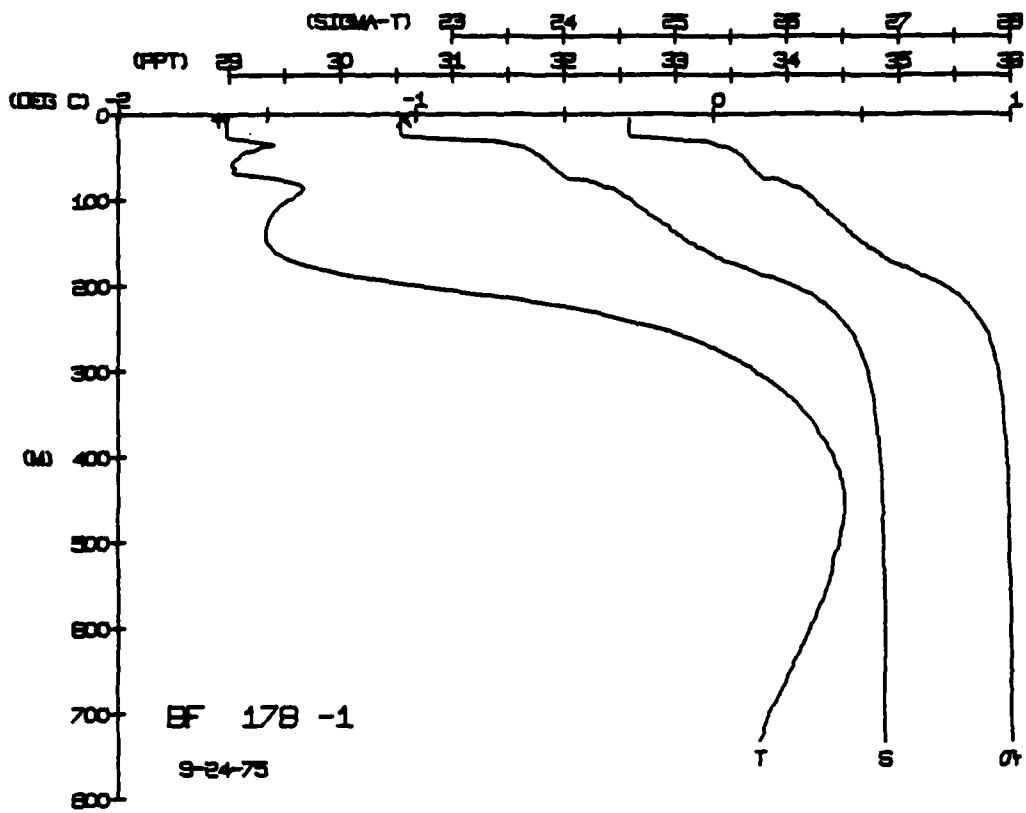
4 of 5

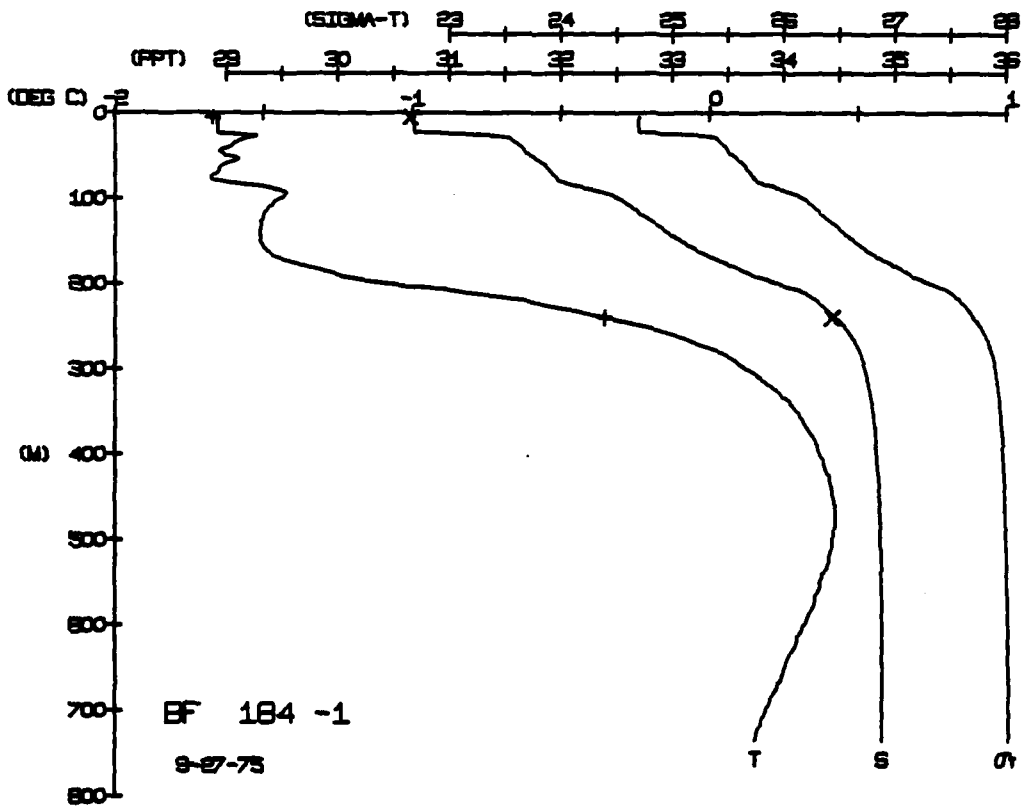
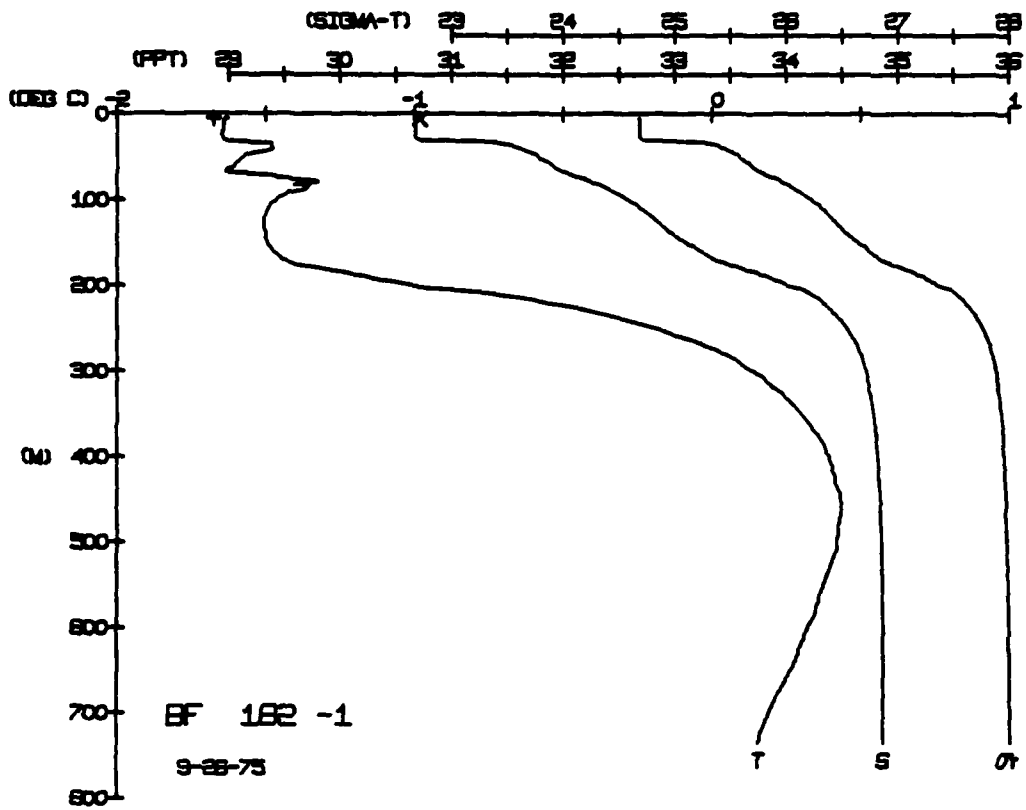
AD 4

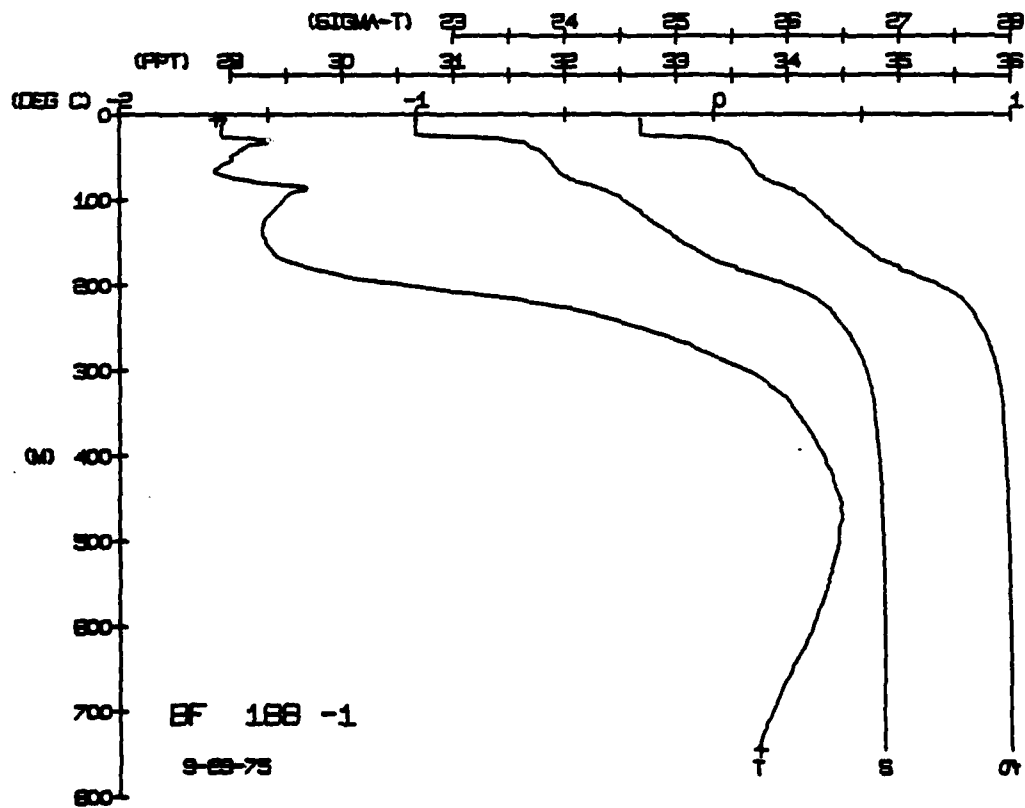
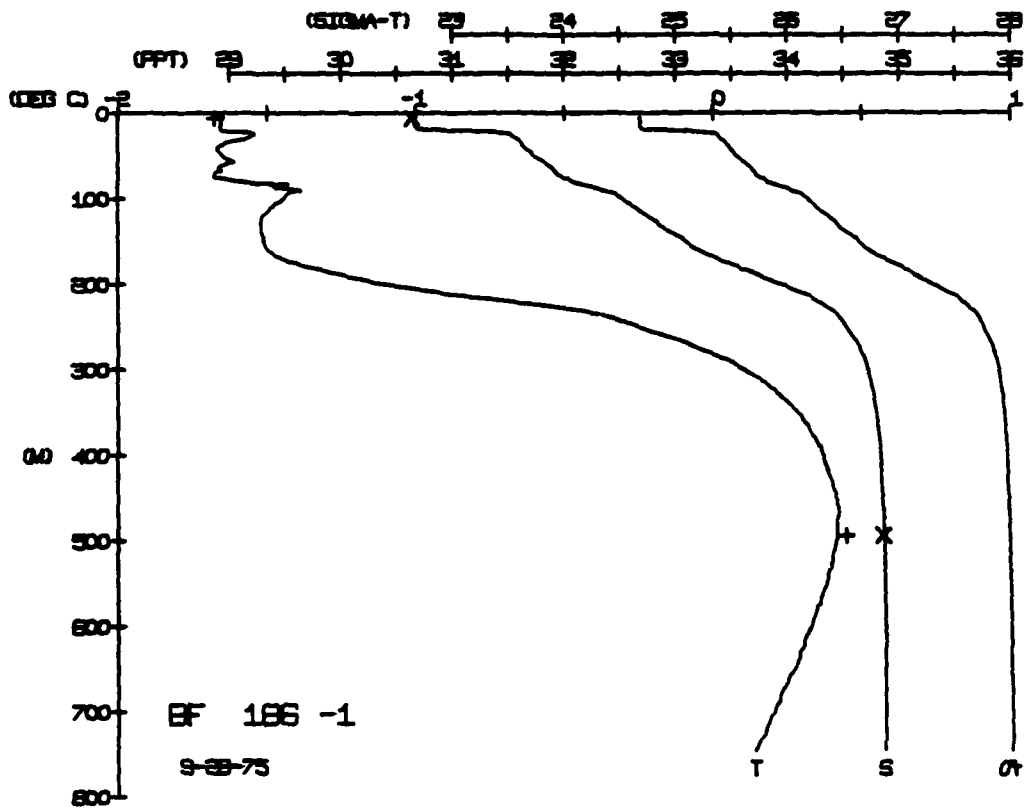
1-8203











BLUE FOX STATION 190(2) CTD 30/SEP/1975 1800 GMT CODE = 2
LAT = 73.3631N LNC = 134.0116W LTER = 53 LGER = 74
AIR TEMP = -11.3 BAROM = 1022.5 WIND = 310.0 SPEED = 22.5

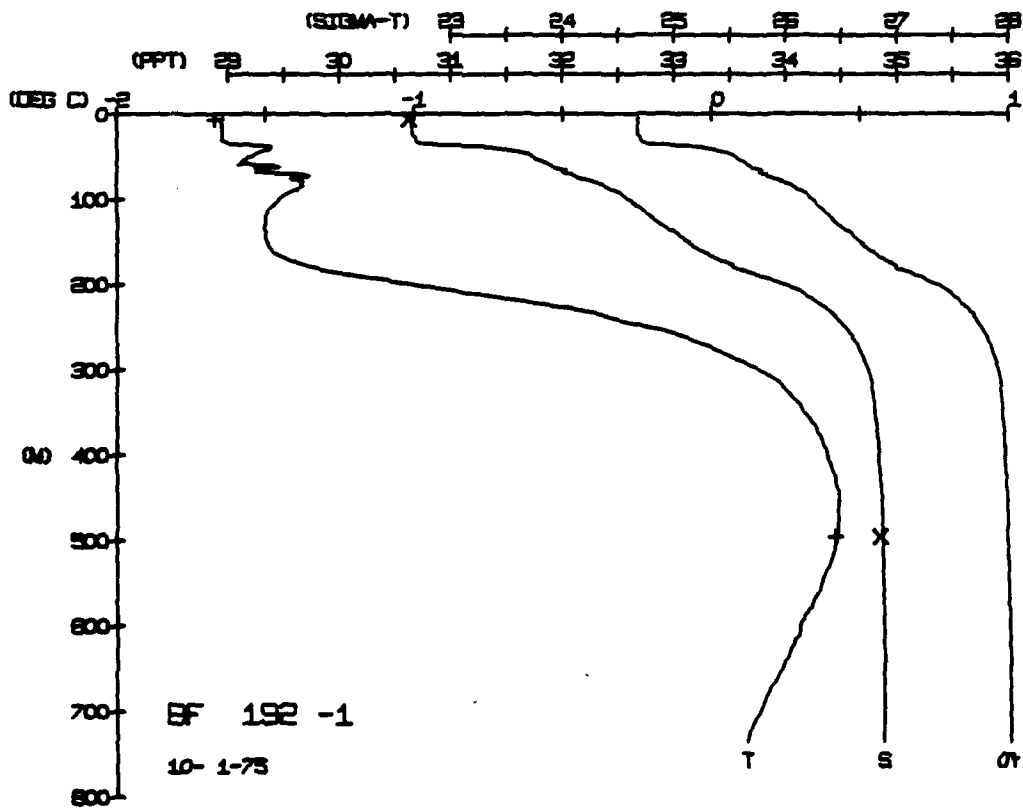
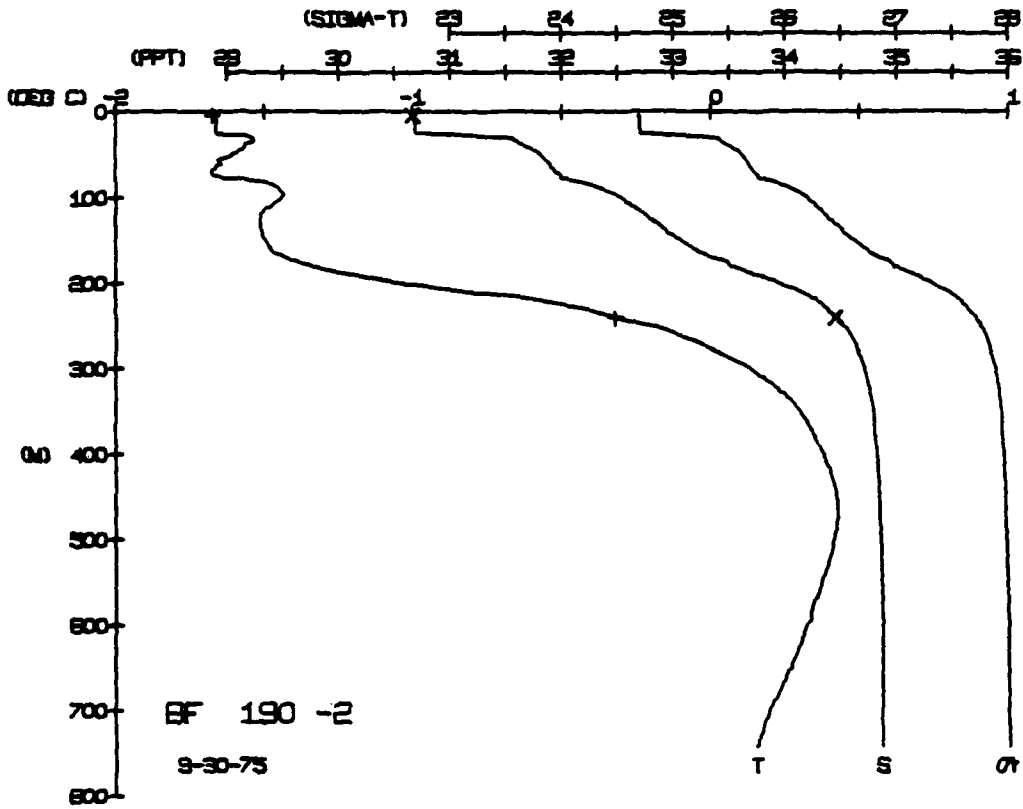
DEPTH	TEMP	PTEMP	SALIN	SIG T	SPVOL	DYHHT	SOUND
00	66.66	66.66	33.33	77.77	88.88	99.99	1111
05	66.66	66.66	33.33	77.77	88.88	99.99	1111
10	66.66	66.66	33.33	77.77	88.88	99.99	1111
15	66.66	66.66	33.33	77.77	88.88	99.99	1111
20	66.66	66.66	33.33	77.77	88.88	99.99	1111
25	66.66	66.66	33.33	77.77	88.88	99.99	1111
30	66.66	66.66	33.33	77.77	88.88	99.99	1111
35	66.66	66.66	33.33	77.77	88.88	99.99	1111
40	66.66	66.66	33.33	77.77	88.88	99.99	1111
45	66.66	66.66	33.33	77.77	88.88	99.99	1111
50	66.66	66.66	33.33	77.77	88.88	99.99	1111
55	66.66	66.66	33.33	77.77	88.88	99.99	1111
60	66.66	66.66	33.33	77.77	88.88	99.99	1111
65	66.66	66.66	33.33	77.77	88.88	99.99	1111
70	66.66	66.66	33.33	77.77	88.88	99.99	1111
75	66.66	66.66	33.33	77.77	88.88	99.99	1111
80	66.66	66.66	33.33	77.77	88.88	99.99	1111
85	66.66	66.66	33.33	77.77	88.88	99.99	1111
90	66.66	66.66	33.33	77.77	88.88	99.99	1111
95	66.66	66.66	33.33	77.77	88.88	99.99	1111
100	66.66	66.66	33.33	77.77	88.88	99.99	1111

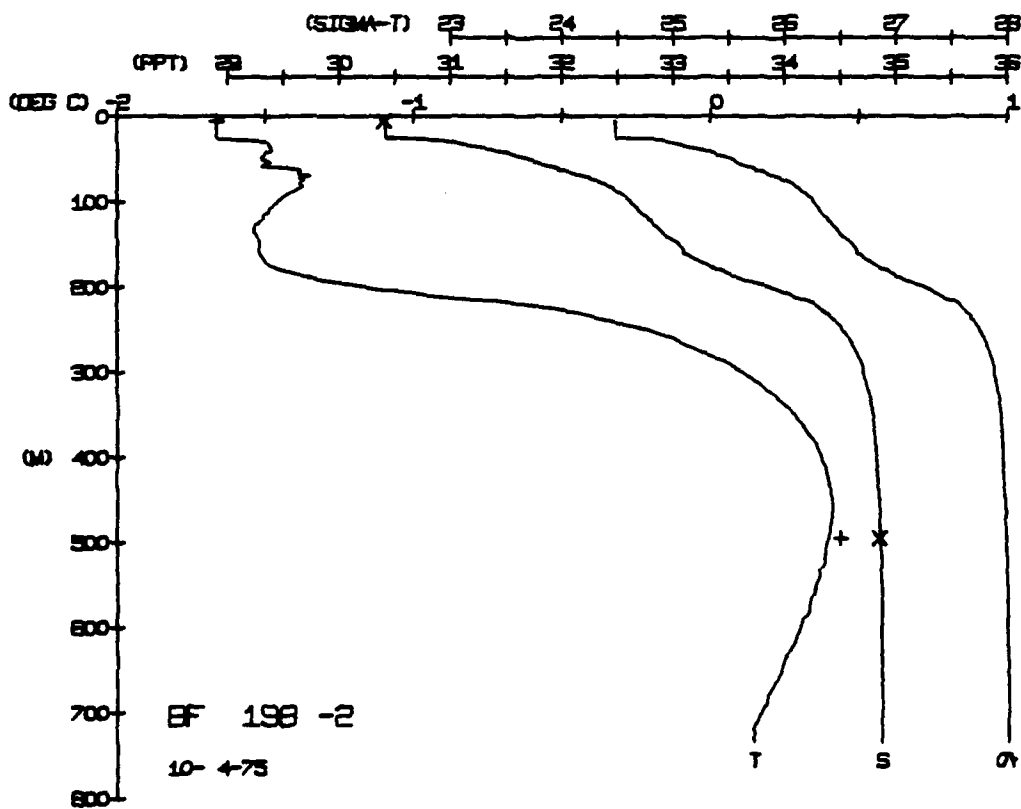
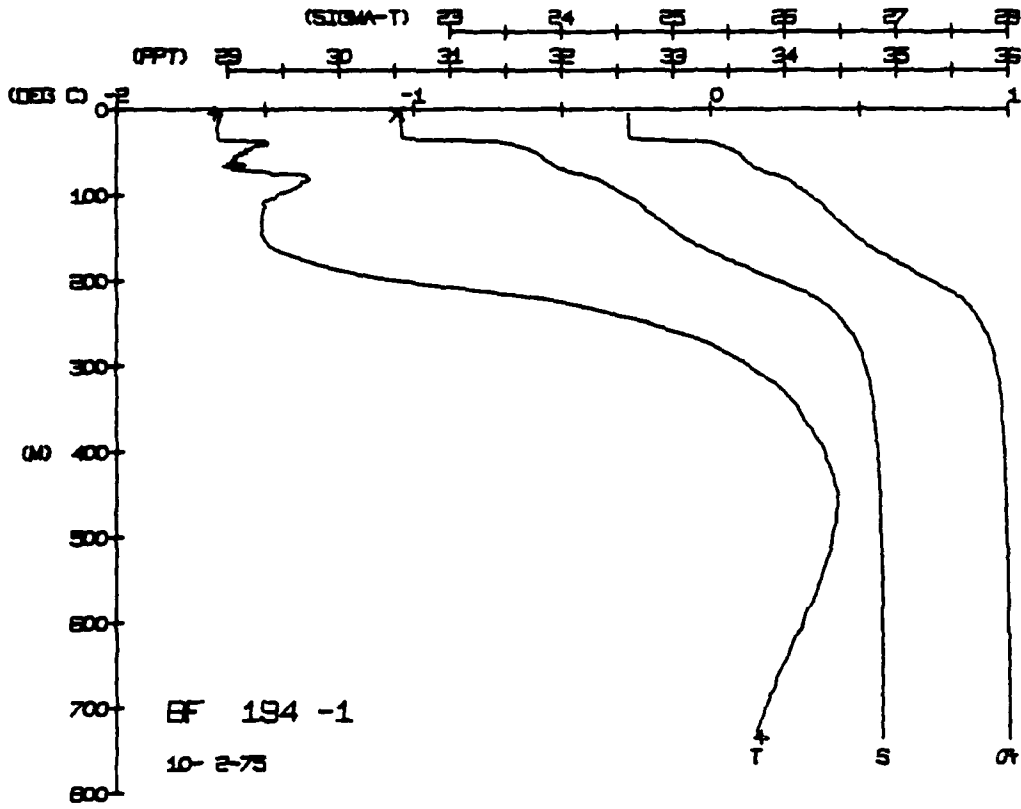
DEPTH 4.6 BUT NUM = 1
TEMP -1.67 BUT NUM = 2
SALIN 30.67
-0.32
34.45

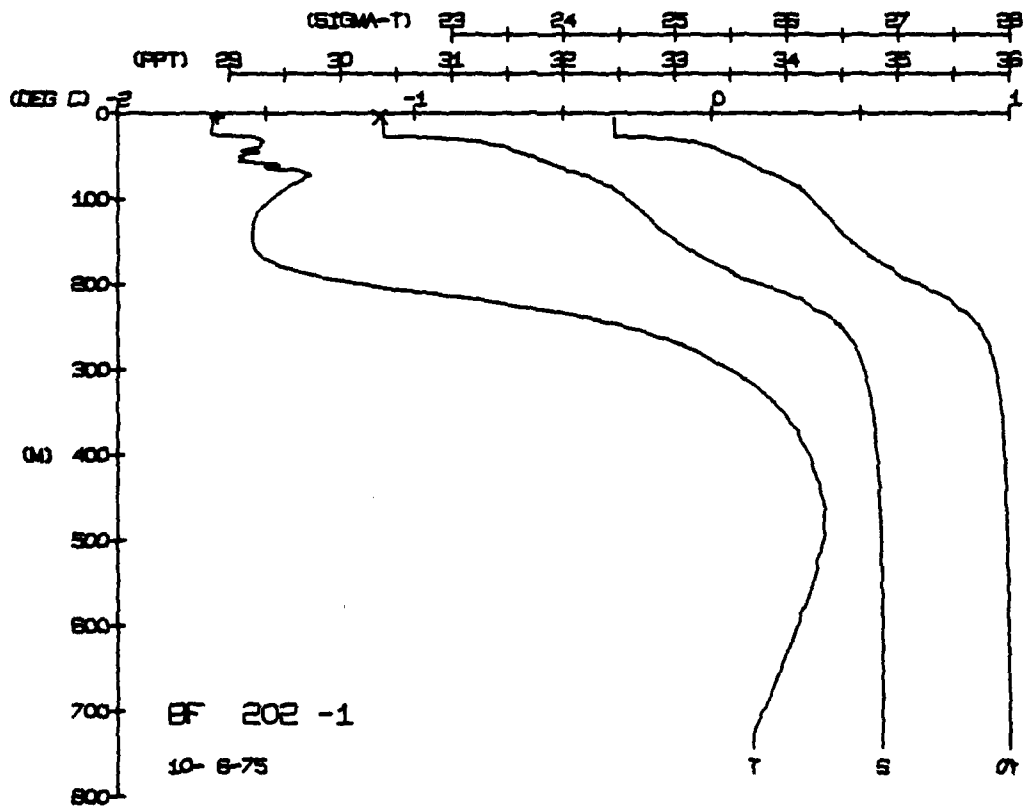
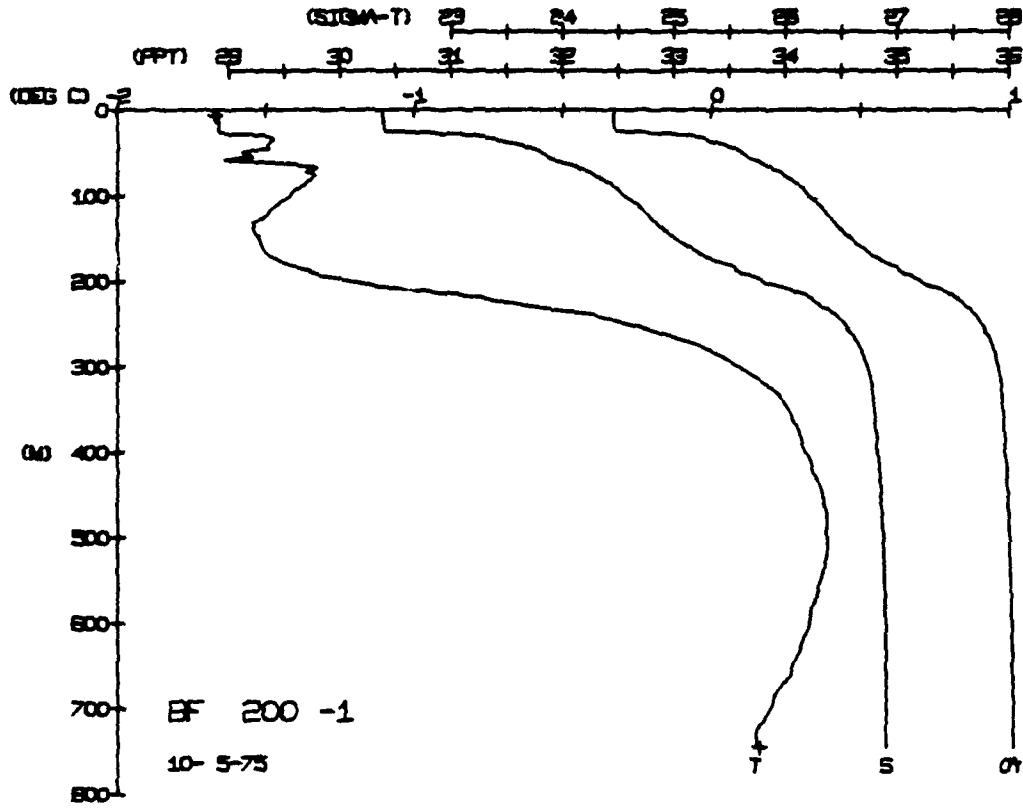
BLUE FOX STATION 192(1) CTD 1/OCT/1975 1804 GMT CODE = 2
LAT = 73.3920N LNC = 134.3964W LTER = 51 LGER = 1
AIR TEMP = -12.1 BAROM = 1019.1 WIND = 43.1 SPEED = 60.3

DEPTH	TEMP	PTEMP	SALIN	SIG T	SPVOL	DYHHT	SOUND
00	66.66	66.66	33.33	77.77	88.88	99.99	1111
05	66.66	66.66	33.33	77.77	88.88	99.99	1111
10	66.66	66.66	33.33	77.77	88.88	99.99	1111
15	66.66	66.66	33.33	77.77	88.88	99.99	1111
20	66.66	66.66	33.33	77.77	88.88	99.99	1111
25	66.66	66.66	33.33	77.77	88.88	99.99	1111
30	66.66	66.66	33.33	77.77	88.88	99.99	1111
35	66.66	66.66	33.33	77.77	88.88	99.99	1111
40	66.66	66.66	33.33	77.77	88.88	99.99	1111
45	66.66	66.66	33.33	77.77	88.88	99.99	1111
50	66.66	66.66	33.33	77.77	88.88	99.99	1111
55	66.66	66.66	33.33	77.77	88.88	99.99	1111
60	66.66	66.66	33.33	77.77	88.88	99.99	1111
65	66.66	66.66	33.33	77.77	88.88	99.99	1111
70	66.66	66.66	33.33	77.77	88.88	99.99	1111
75	66.66	66.66	33.33	77.77	88.88	99.99	1111
80	66.66	66.66	33.33	77.77	88.88	99.99	1111
85	66.66	66.66	33.33	77.77	88.88	99.99	1111
90	66.66	66.66	33.33	77.77	88.88	99.99	1111
95	66.66	66.66	33.33	77.77	88.88	99.99	1111
100	66.66	66.66	33.33	77.77	88.88	99.99	1111

DEPTH 6.1 BUT NUM = 1
TEMP -1.67 BUT NUM = 2
SALIN 30.62
-0.42
34.85







BUOY FOX STATION 204(1) CTD 7/UCT/1975 1812 GMT CODE = 2
LAT = 73.5126N LNG = 135.4225W LTR = 0 UGER = 0.0
AIR TEMP = -4.8 BARUM = 1006.5 WIND = 64.8 SPEED = 55.0

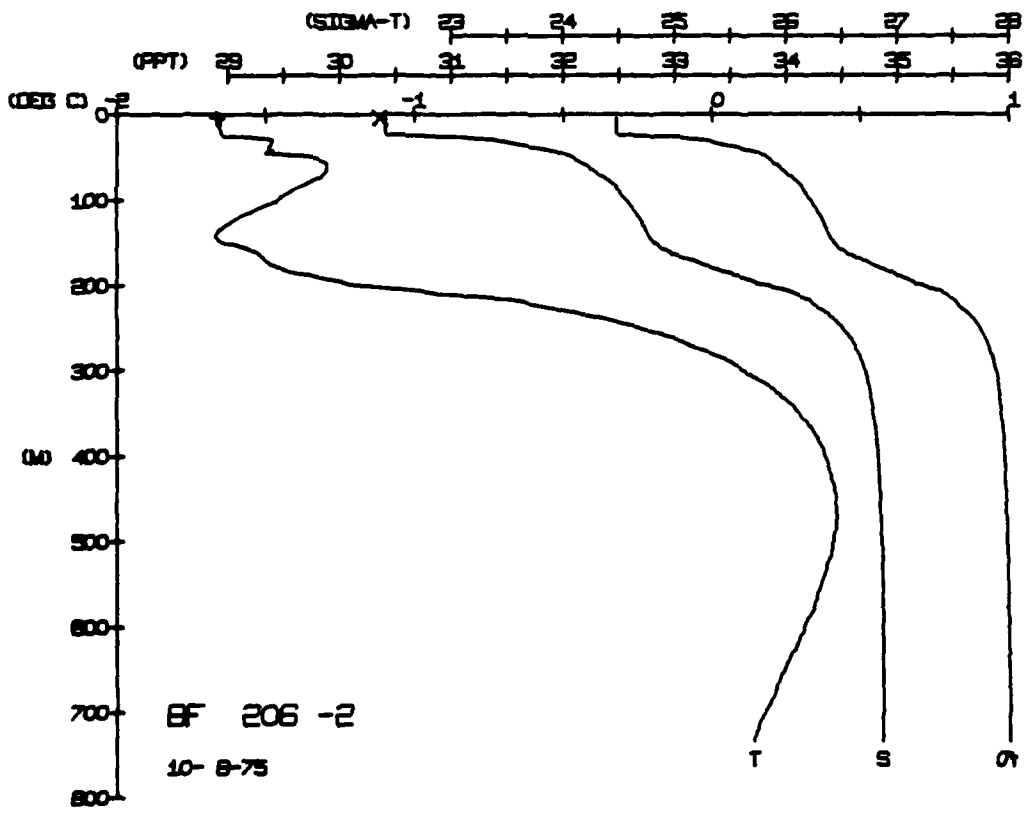
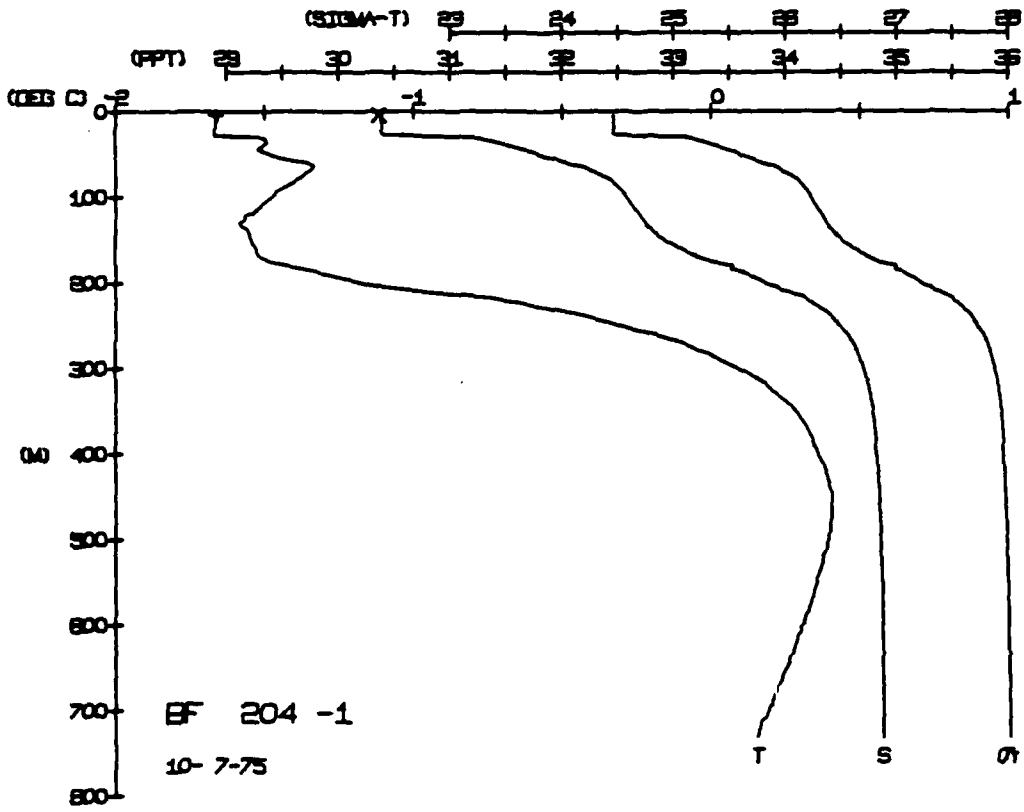
DEPTH	TEMP	PTEMP	SALIN	SIG T	SPVUL	DYHHT	SOUND
0	66	66	30	4	9	0	0
5	66	66	30	4	8	0	0
10	66	66	30	4	8	0	0
15	66	66	30	4	8	0	0
20	66	66	30	4	8	0	0
25	66	66	30	4	8	0	0
30	66	66	30	4	8	0	0
35	66	66	30	4	8	0	0
40	66	66	30	4	8	0	0
45	66	66	30	4	8	0	0
50	66	66	30	4	8	0	0
55	66	66	30	4	8	0	0
60	66	66	30	4	8	0	0
65	66	66	30	4	8	0	0
70	66	66	30	4	8	0	0
75	66	66	30	4	8	0	0
80	66	66	30	4	8	0	0
85	66	66	30	4	8	0	0
90	66	66	30	4	8	0	0
95	66	66	30	4	8	0	0
100	66	66	30	4	8	0	0
105	66	66	30	4	8	0	0
110	66	66	30	4	8	0	0
115	66	66	30	4	8	0	0
120	66	66	30	4	8	0	0
125	66	66	30	4	8	0	0
130	66	66	30	4	8	0	0
135	66	66	30	4	8	0	0
140	66	66	30	4	8	0	0
145	66	66	30	4	8	0	0
150	66	66	30	4	8	0	0
155	66	66	30	4	8	0	0
160	66	66	30	4	8	0	0
165	66	66	30	4	8	0	0
170	66	66	30	4	8	0	0
175	66	66	30	4	8	0	0
180	66	66	30	4	8	0	0
185	66	66	30	4	8	0	0
190	66	66	30	4	8	0	0
195	66	66	30	4	8	0	0
200	66	66	30	4	8	0	0
205	66	66	30	4	8	0	0
210	66	66	30	4	8	0	0
215	66	66	30	4	8	0	0
220	66	66	30	4	8	0	0
225	66	66	30	4	8	0	0
230	66	66	30	4	8	0	0
235	66	66	30	4	8	0	0
240	66	66	30	4	8	0	0
245	66	66	30	4	8	0	0
250	66	66	30	4	8	0	0
255	66	66	30	4	8	0	0
260	66	66	30	4	8	0	0
265	66	66	30	4	8	0	0
270	66	66	30	4	8	0	0
275	66	66	30	4	8	0	0
280	66	66	30	4	8	0	0
285	66	66	30	4	8	0	0
290	66	66	30	4	8	0	0
295	66	66	30	4	8	0	0
300	66	66	30	4	8	0	0

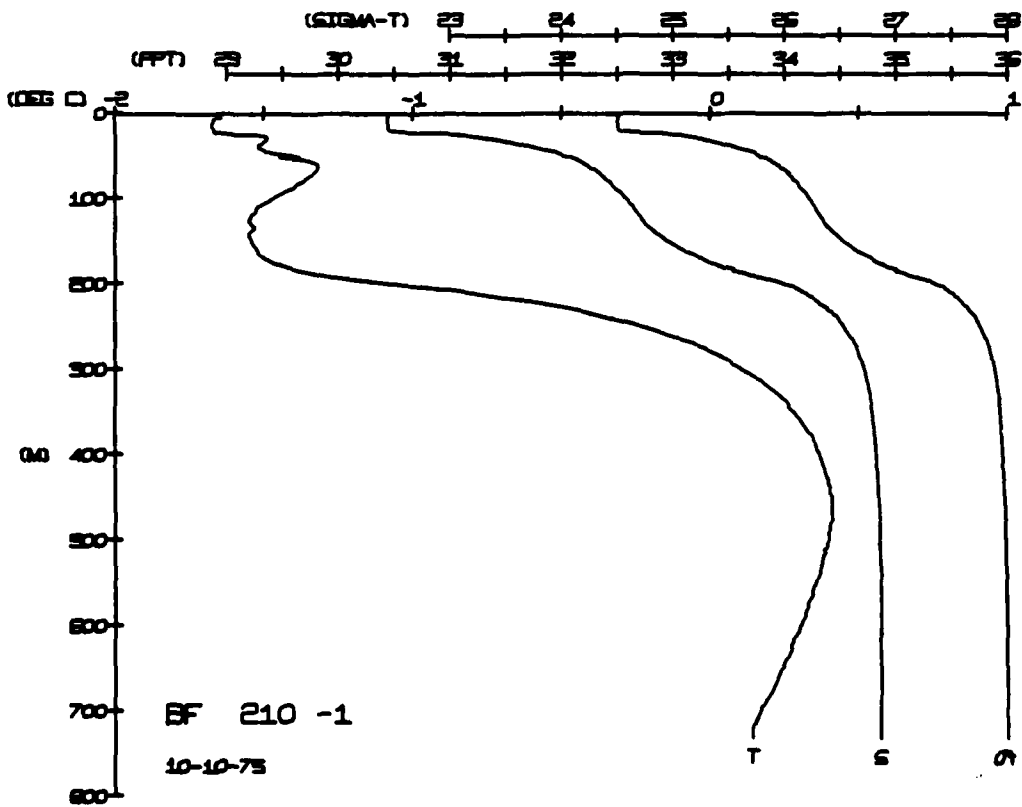
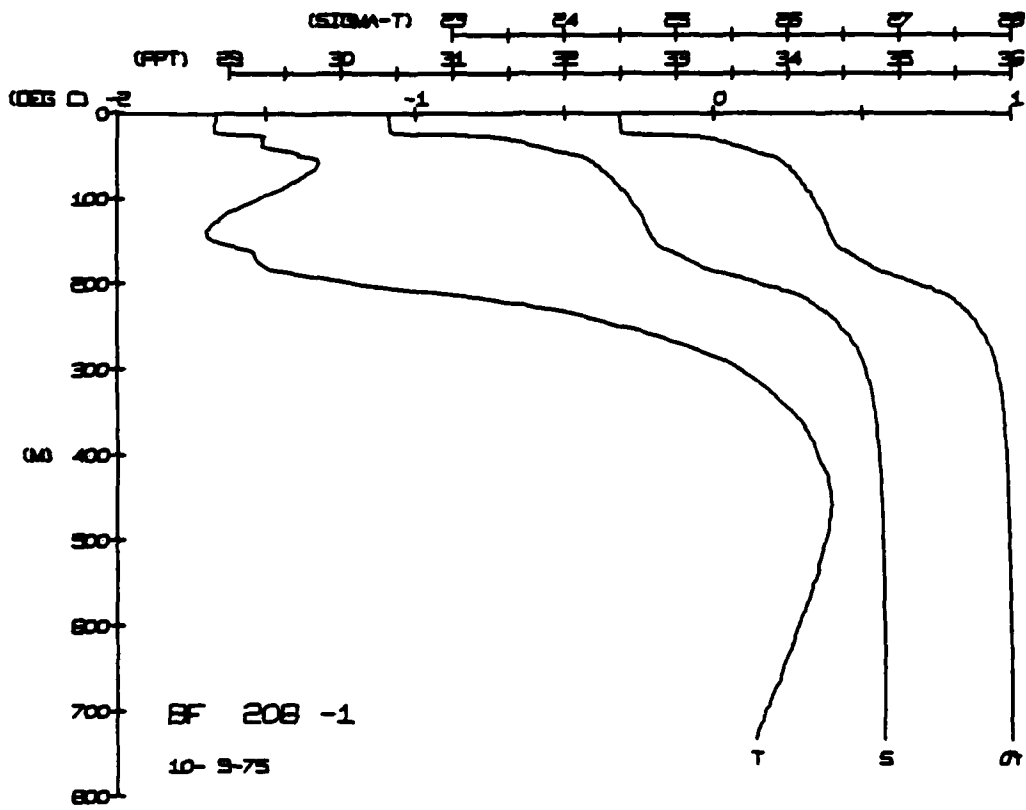
DEPTH 5.1
TEMP -1.66
SALIN 30.37
RHT NUM = 1

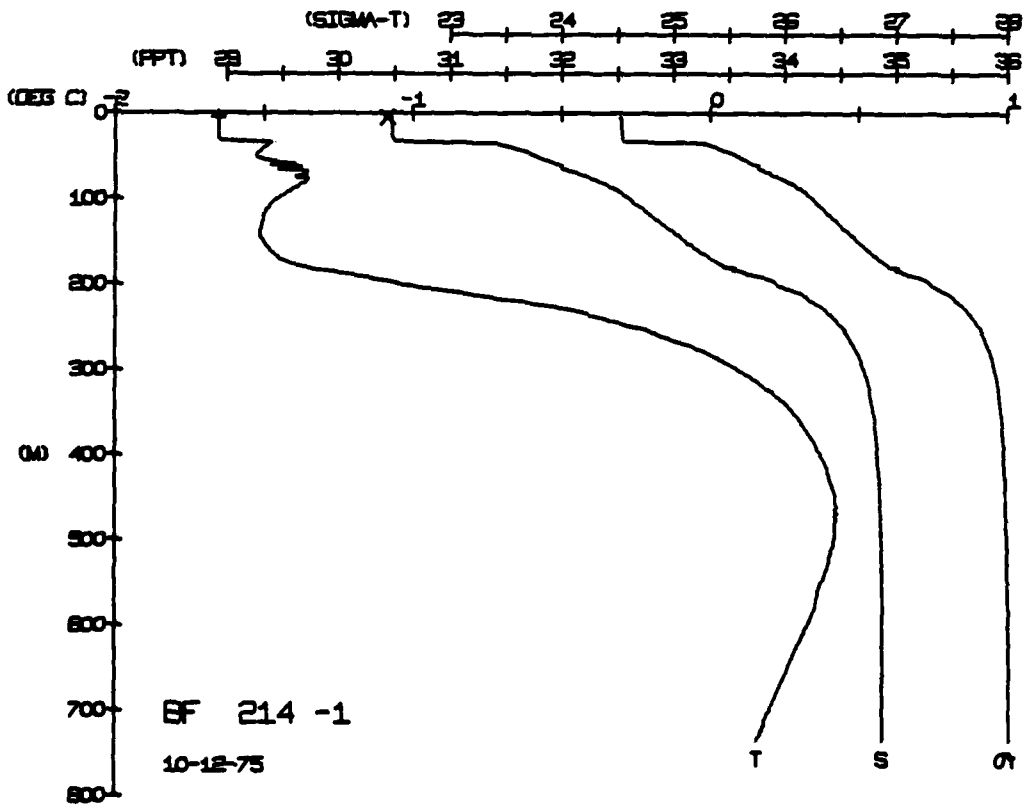
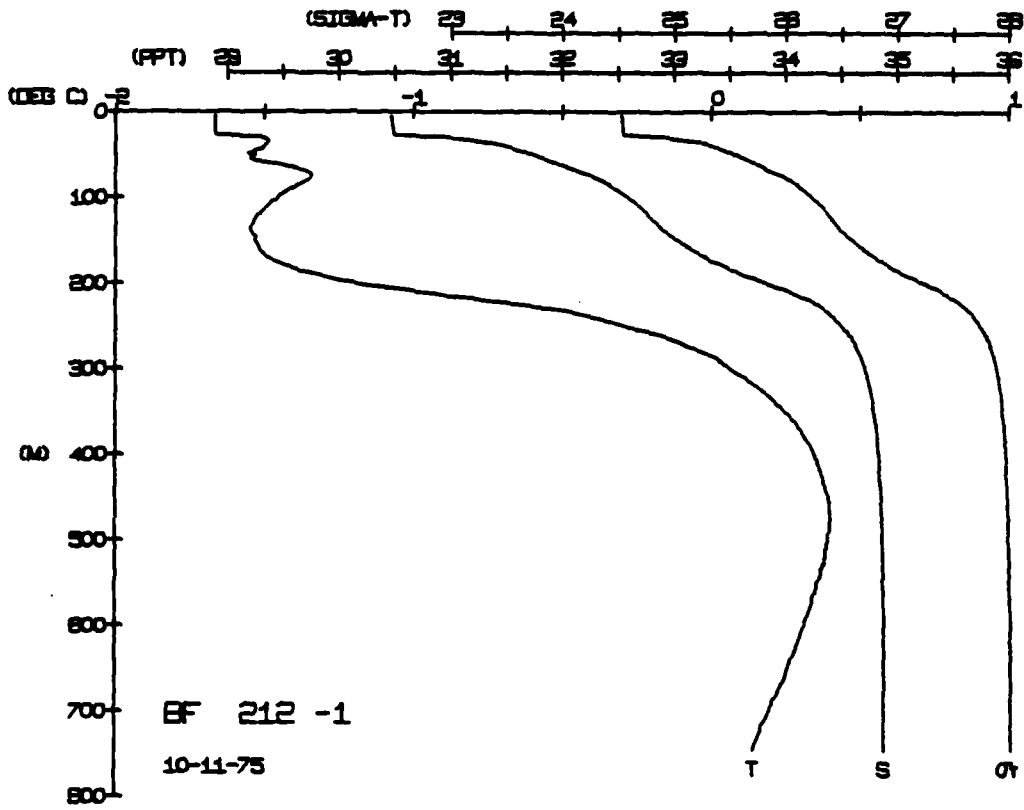
BUOY FOX STATION 206(2) CTD 8/UCT/1975 1800 GMT CODE = 2
LAT = 73.4555N LNG = 135.3957W LTR = 0 UGER = 0.1
AIR TEMP = -12.5 BARUM = 1018.4 WIND = 131.1 SPEED = 26.1

DEPTH	TEMP	PTEMP	SALIN	SIG T	SPVUL	DYHHT	SOUND
0	65	65	30	4	7	0	0
5	65	65	30	4	7	0	0
10	65	65	30	4	7	0	0
15	65	65	30	4	7	0	0
20	65	65	30	4	7	0	0
25	65	65	30	4	7	0	0
30	65	65	30	4	7	0	0
35	65	65	30	4	7	0	0
40	65	65	30	4	7	0	0
45	65	65	30	4	7	0	0
50	65	65	30	4	7	0	0
55	65	65	30	4	7	0	0
60	65	65	30	4	7	0	0
65	65	65	30	4	7	0	0
70	65	65	30	4	7	0	0
75	65	65	30	4	7	0	0
80	65	65	30	4	7	0	0
85	65	65	30	4	7	0	0
90	65	65	30	4	7	0	0
95	65	65	30	4	7	0	0
100	65	65	30	4	7	0	0
105	65	65	30	4	7	0	0
110	65	65	30	4	7	0	0
115	65	65	30	4	7	0	0
120	65	65	30	4	7	0	0
125	65	65	30	4	7	0	0
130	65	65	30	4	7	0	0
135	65	65	30	4	7	0	0
140	65	65	30	4	7	0	0
145	65	65	30	4	7	0	0
150	65	65	30	4	7	0	0
155	65	65	30	4	7	0	0
160	65	65	30	4	7	0	0
165	65	65	30	4	7	0	0
170	65	65	30	4	7	0	0
175	65	65	30	4	7	0	0
180	65	65	30	4	7	0	0
185	65	65	30	4	7	0	0
190	65	65	30	4	7	0	0
195	65	65	30	4	7	0	0
200	65	65	30	4	7	0	0
205	65	65	30	4	7	0	0
210	65	65	30	4	7	0	0
215	65	65	30	4	7	0	0
220	65	65	30	4	7	0	0
225	65	65	30	4	7	0	0
230	65	65	30	4	7	0	0
235	65	65	30	4	7	0	0
240	65	65	30	4	7	0	0
245	65	65	30	4	7	0	0
250	65	65	30	4	7	0	0
255	65	65	30	4	7	0	0
260	65	65	30	4	7	0	0
265	65	65	30	4	7	0	0
270	65	65	30	4	7	0	0
275	65	65	30	4	7	0	0
280	65	65	30	4	7	0	0
285	65	65	30	4	7	0	0
290	65	65	30	4	7	0	0
295	65	65	30	4	7	0	0
300	65	65	30	4	7	0	0

DEPTH 4.2
TEMP -1.66
SALIN 30.38
RHT NUM = 1







BLUE FOX STATION 216(1) CTD 13/OCT/1975 1804 GMT CODE = 2
LAT = 73.3568N LNG = 15.2619W LTER = 1.2 LGER = 1.1
AIR TEMP = -18.7 BARUM = 1013.1 WIND = 186.2 SPEED = 38.4

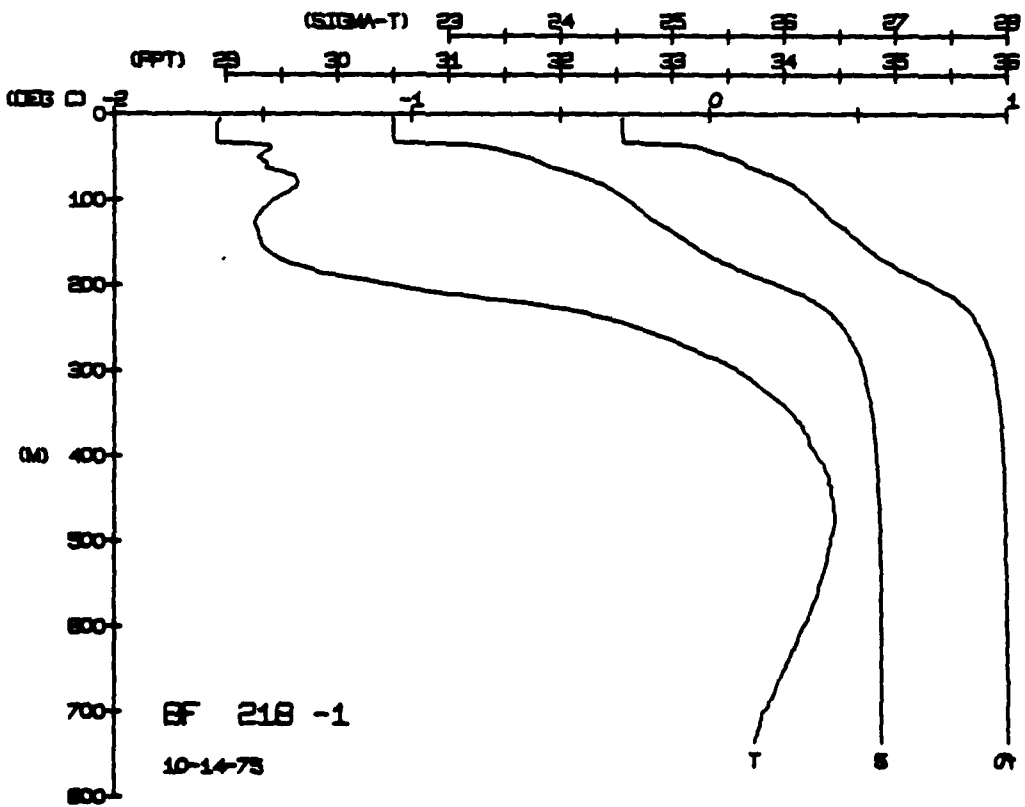
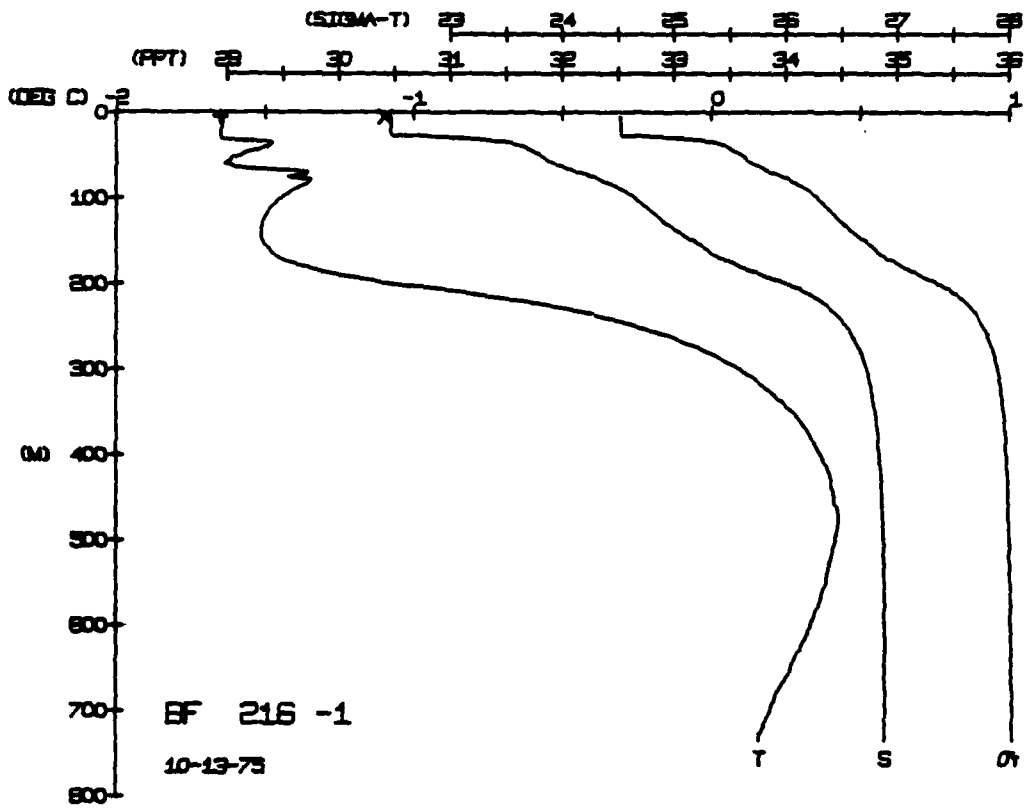
DEPTH	TEMP	PTEMP	SALIN	SIG I	SPVOL	DYMH	SOUND
00	5.25	5.25	30.41	1.1	1100	97	67
05	5.25	5.25	30.41	1.1	1100	97	67
10	5.25	5.25	30.41	1.1	1100	97	67
15	5.25	5.25	30.41	1.1	1100	97	67
20	5.25	5.25	30.41	1.1	1100	97	67
25	5.25	5.25	30.41	1.1	1100	97	67
30	5.25	5.25	30.41	1.1	1100	97	67
35	5.25	5.25	30.41	1.1	1100	97	67
40	5.25	5.25	30.41	1.1	1100	97	67
45	5.25	5.25	30.41	1.1	1100	97	67
50	5.25	5.25	30.41	1.1	1100	97	67
55	5.25	5.25	30.41	1.1	1100	97	67
60	5.25	5.25	30.41	1.1	1100	97	67
65	5.25	5.25	30.41	1.1	1100	97	67
70	5.25	5.25	30.41	1.1	1100	97	67
75	5.25	5.25	30.41	1.1	1100	97	67
80	5.25	5.25	30.41	1.1	1100	97	67
85	5.25	5.25	30.41	1.1	1100	97	67
90	5.25	5.25	30.41	1.1	1100	97	67
95	5.25	5.25	30.41	1.1	1100	97	67
100	5.25	5.25	30.41	1.1	1100	97	67

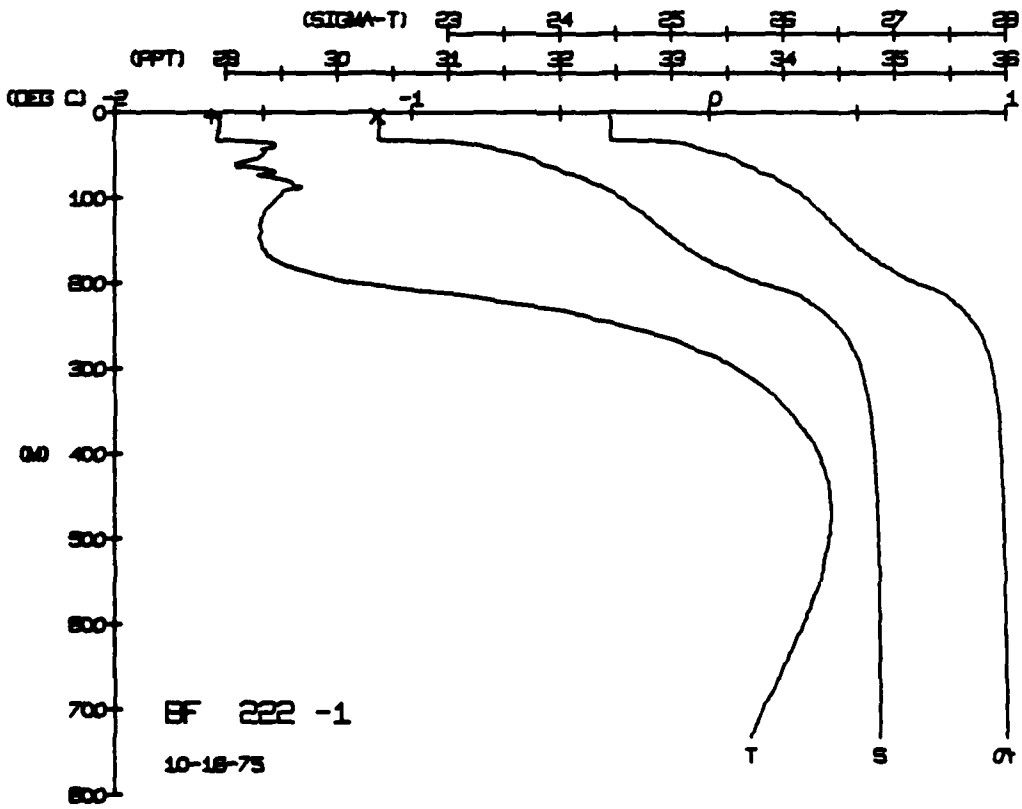
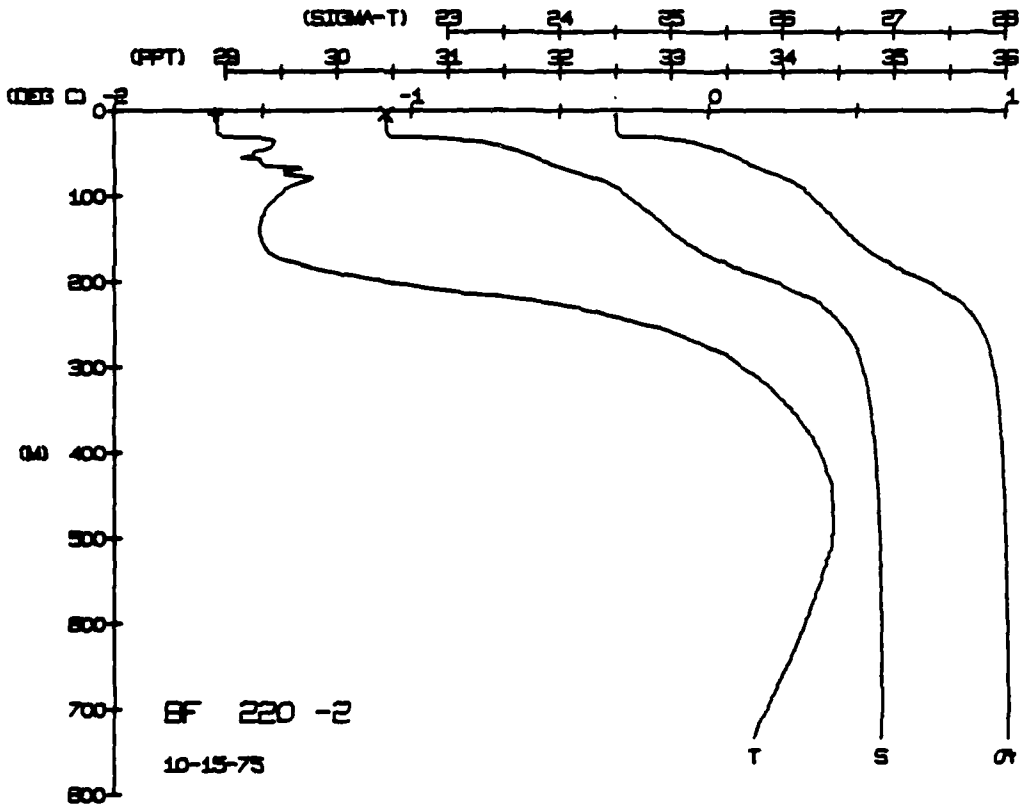
DEPTH 4.4
TEMP -1.65
SALIN 30.41
ROT NUM = 1

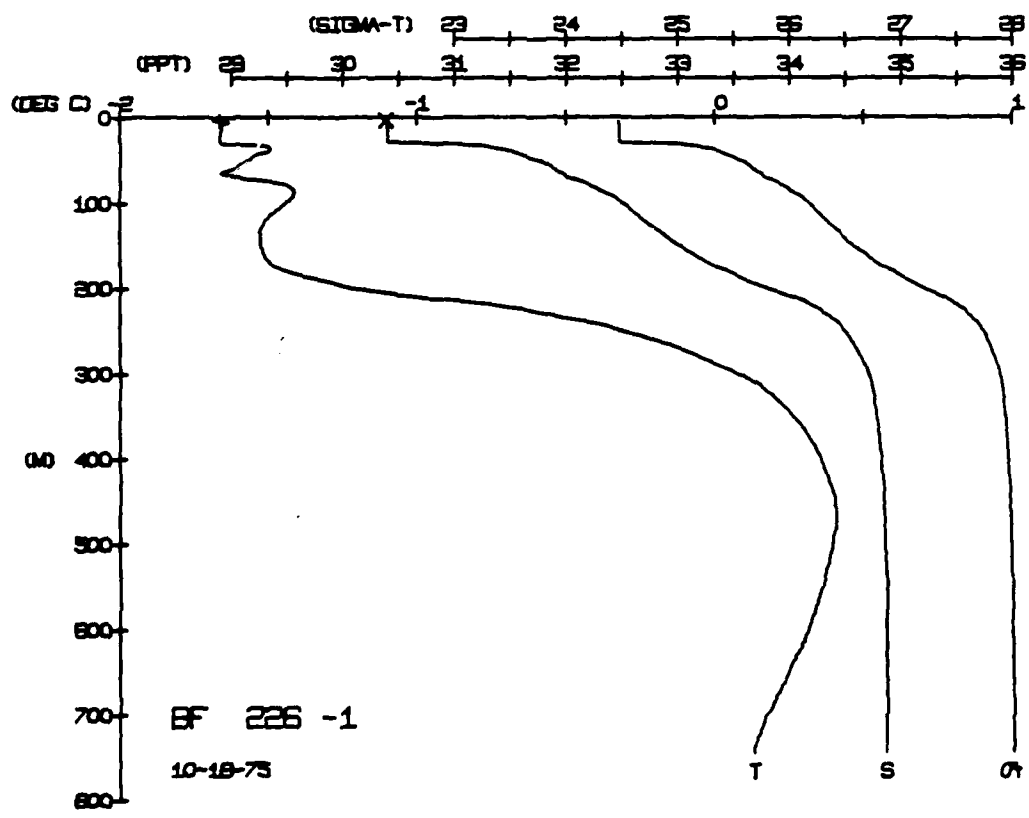
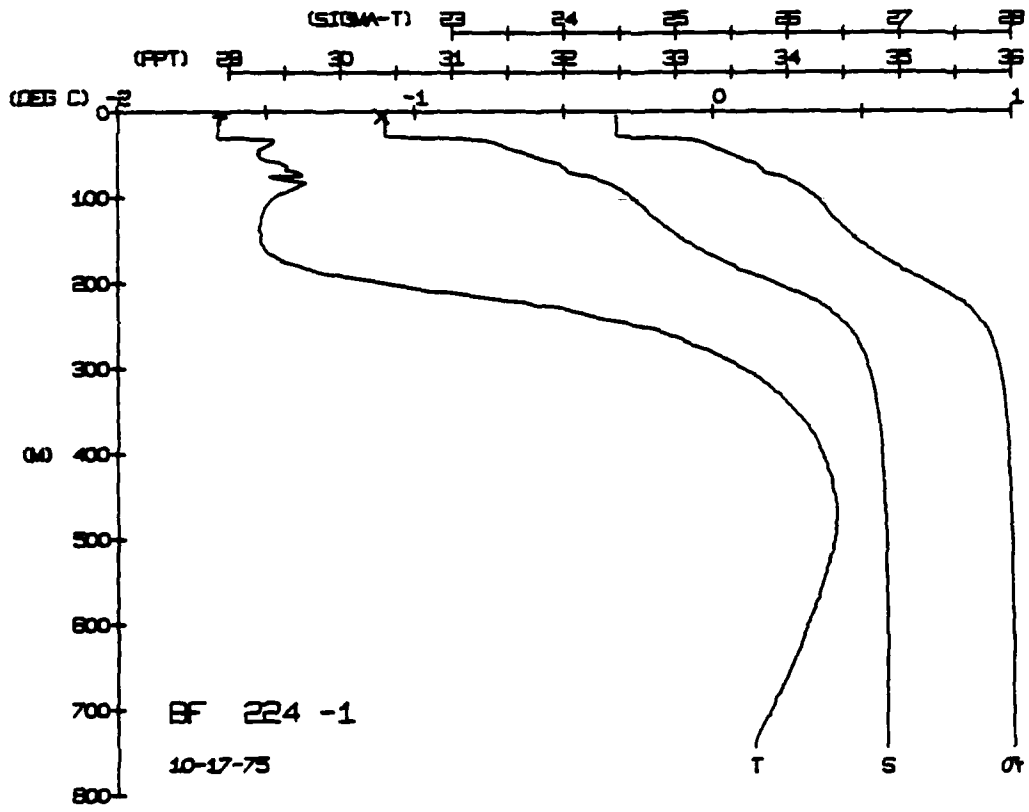
BLUE FOX STATION 218(1) CTD 14/OCT/1975 1805 GMT CODE = 2
LAT = 73.3188N LNG = 13.5359W LTER = 1.0 LGER = 0.0
AIR TEMP = -29.0 BARUM = 1017.1 WIND = 14.0 SPEED = 36.6

DEPTH	TEMP	PTEMP	SALIN	SIG T	SPVOL	DYMH	SOUND
00	5.25	5.25	30.41	1.1	1100	97	67
05	5.25	5.25	30.41	1.1	1100	97	67
10	5.25	5.25	30.41	1.1	1100	97	67
15	5.25	5.25	30.41	1.1	1100	97	67
20	5.25	5.25	30.41	1.1	1100	97	67
25	5.25	5.25	30.41	1.1	1100	97	67
30	5.25	5.25	30.41	1.1	1100	97	67
35	5.25	5.25	30.41	1.1	1100	97	67
40	5.25	5.25	30.41	1.1	1100	97	67
45	5.25	5.25	30.41	1.1	1100	97	67
50	5.25	5.25	30.41	1.1	1100	97	67
55	5.25	5.25	30.41	1.1	1100	97	67
60	5.25	5.25	30.41	1.1	1100	97	67
65	5.25	5.25	30.41	1.1	1100	97	67
70	5.25	5.25	30.41	1.1	1100	97	67
75	5.25	5.25	30.41	1.1	1100	97	67
80	5.25	5.25	30.41	1.1	1100	97	67
85	5.25	5.25	30.41	1.1	1100	97	67
90	5.25	5.25	30.41	1.1	1100	97	67
95	5.25	5.25	30.41	1.1	1100	97	67
100	5.25	5.25	30.41	1.1	1100	97	67

DEPTH 4.4
TEMP .
SALIN .
ROT NUM = 1







BLUE FOX STATION 220(1) STD 19/OCT/1975 1820 GMT CODE = 2
LAT = 73.3344N LNG = 136.3453W LTER = 1. LGER = 36.7 SPEED = 46.3
AIR TEMP = -24.3 BAROM = 1004.3 WIND =

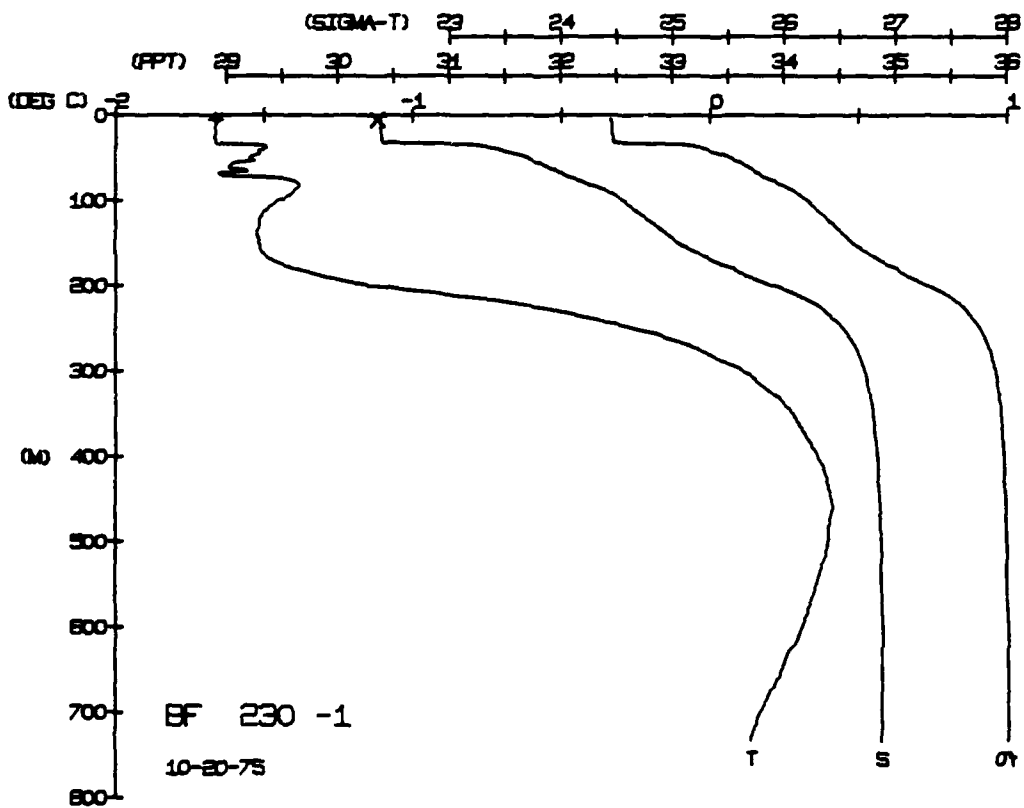
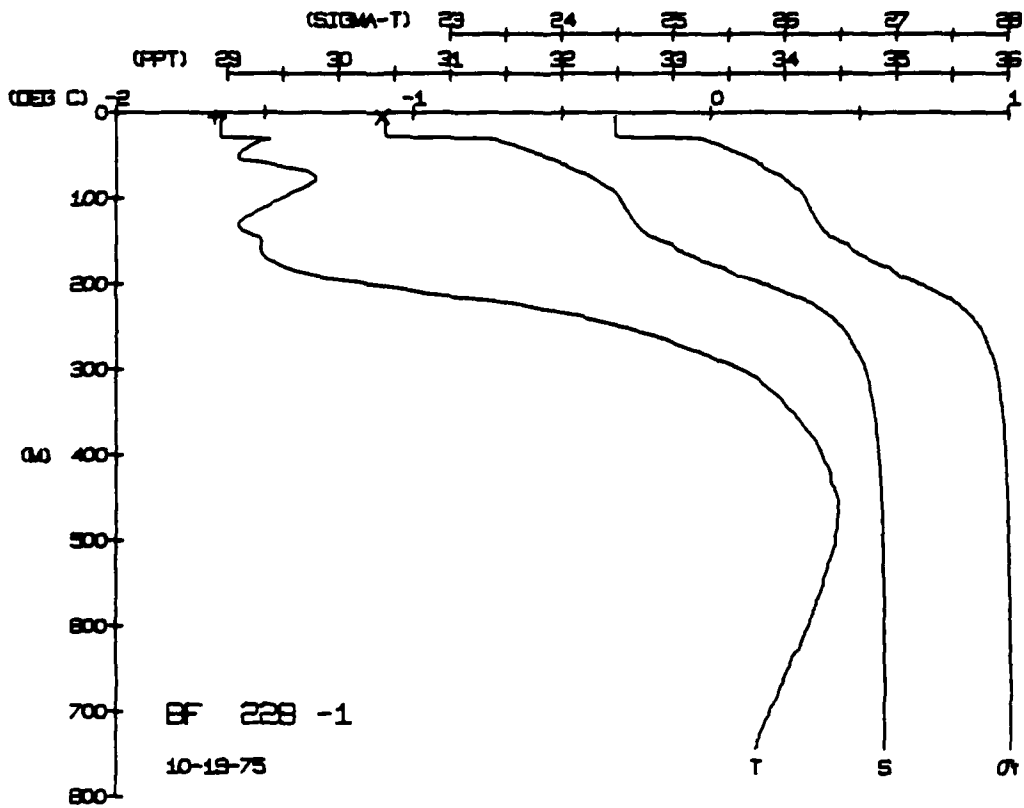
BLUE FOX STATION 230(1) STD 20/OCT/1975 1807 GMT CODE = 2
LAT = 73.3540N LNG = 136.3505W LTER = 0. LGER = 81.5 SPEED = 43.5
AIR TEMP = -12.6 BAROM = 1003.7 WIND =

DEPTH	TEMP	PIEMP	SALIN	SIG T	SPVUL	DYHMT	SOUND
0	5.0	6.0	30.0	4.7	9.8	0.0	1.2
5	5.0	6.0	30.0	4.7	9.8	0.0	1.2
10	5.0	6.0	30.0	4.7	9.8	0.0	1.2
15	5.0	6.0	30.0	4.7	9.8	0.0	1.2
20	5.0	6.0	30.0	4.7	9.8	0.0	1.2
25	5.0	6.0	30.0	4.7	9.8	0.0	1.2
30	5.0	6.0	30.0	4.7	9.8	0.0	1.2
35	5.0	6.0	30.0	4.7	9.8	0.0	1.2
40	5.0	6.0	30.0	4.7	9.8	0.0	1.2
45	5.0	6.0	30.0	4.7	9.8	0.0	1.2
50	5.0	6.0	30.0	4.7	9.8	0.0	1.2
55	5.0	6.0	30.0	4.7	9.8	0.0	1.2
60	5.0	6.0	30.0	4.7	9.8	0.0	1.2
65	5.0	6.0	30.0	4.7	9.8	0.0	1.2
70	5.0	6.0	30.0	4.7	9.8	0.0	1.2
75	5.0	6.0	30.0	4.7	9.8	0.0	1.2
80	5.0	6.0	30.0	4.7	9.8	0.0	1.2
85	5.0	6.0	30.0	4.7	9.8	0.0	1.2
90	5.0	6.0	30.0	4.7	9.8	0.0	1.2
95	5.0	6.0	30.0	4.7	9.8	0.0	1.2
100	5.0	6.0	30.0	4.7	9.8	0.0	1.2

DEPTH 4.2 TEMP -1.67 SALIN 30.38
HOT NUM = 1

DEPTH	TEMP	PIEMP	SALIN	SIG T	SPVUL	DYHMT	SOUND
0	5.0	6.0	30.0	4.7	9.8	0.0	1.2
5	5.0	6.0	30.0	4.7	9.8	0.0	1.2
10	5.0	6.0	30.0	4.7	9.8	0.0	1.2
15	5.0	6.0	30.0	4.7	9.8	0.0	1.2
20	5.0	6.0	30.0	4.7	9.8	0.0	1.2
25	5.0	6.0	30.0	4.7	9.8	0.0	1.2
30	5.0	6.0	30.0	4.7	9.8	0.0	1.2
35	5.0	6.0	30.0	4.7	9.8	0.0	1.2
40	5.0	6.0	30.0	4.7	9.8	0.0	1.2
45	5.0	6.0	30.0	4.7	9.8	0.0	1.2
50	5.0	6.0	30.0	4.7	9.8	0.0	1.2
55	5.0	6.0	30.0	4.7	9.8	0.0	1.2
60	5.0	6.0	30.0	4.7	9.8	0.0	1.2
65	5.0	6.0	30.0	4.7	9.8	0.0	1.2
70	5.0	6.0	30.0	4.7	9.8	0.0	1.2
75	5.0	6.0	30.0	4.7	9.8	0.0	1.2
80	5.0	6.0	30.0	4.7	9.8	0.0	1.2
85	5.0	6.0	30.0	4.7	9.8	0.0	1.2
90	5.0	6.0	30.0	4.7	9.8	0.0	1.2
95	5.0	6.0	30.0	4.7	9.8	0.0	1.2
100	5.0	6.0	30.0	4.7	9.8	0.0	1.2

DEPTH 4.7 TEMP -1.66 SALIN 30.35
HOT NUM = 1



BLUE FOX STATION 234(2) CTD 27/UCT/1975 1927 GMT CUDE = 2
LAT = 73.3610N LNC = 136.6021W LTER = 16.6
AIR TEMP = -9.1 BARDM = 1013.1 WIND = 299.3 SPEED = 39.6

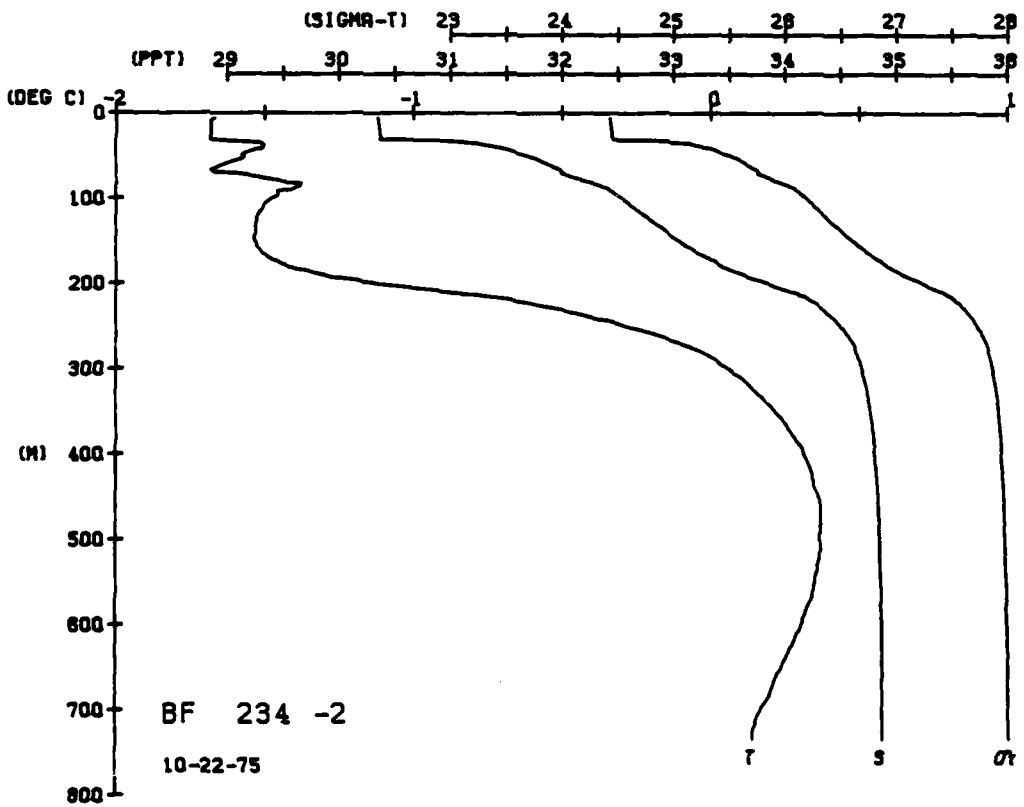
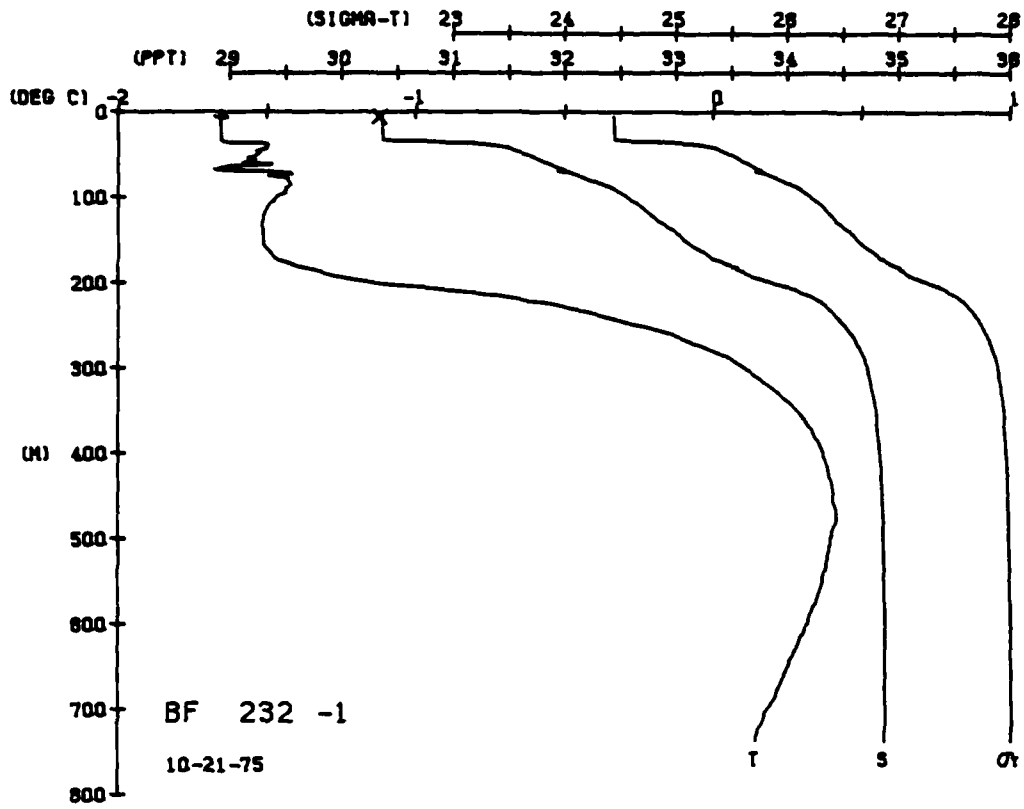
BLUE FOX STATION 232(1) CTD 21/UCT/1975 1903 GMT CUDE = 2
LAT = 73.3648N LNC = 136.5668W LTER = 1.1
AIR TEMP = -12.6 BARDM = 1000.1 WIND = 81.5 SPEED = 43.5

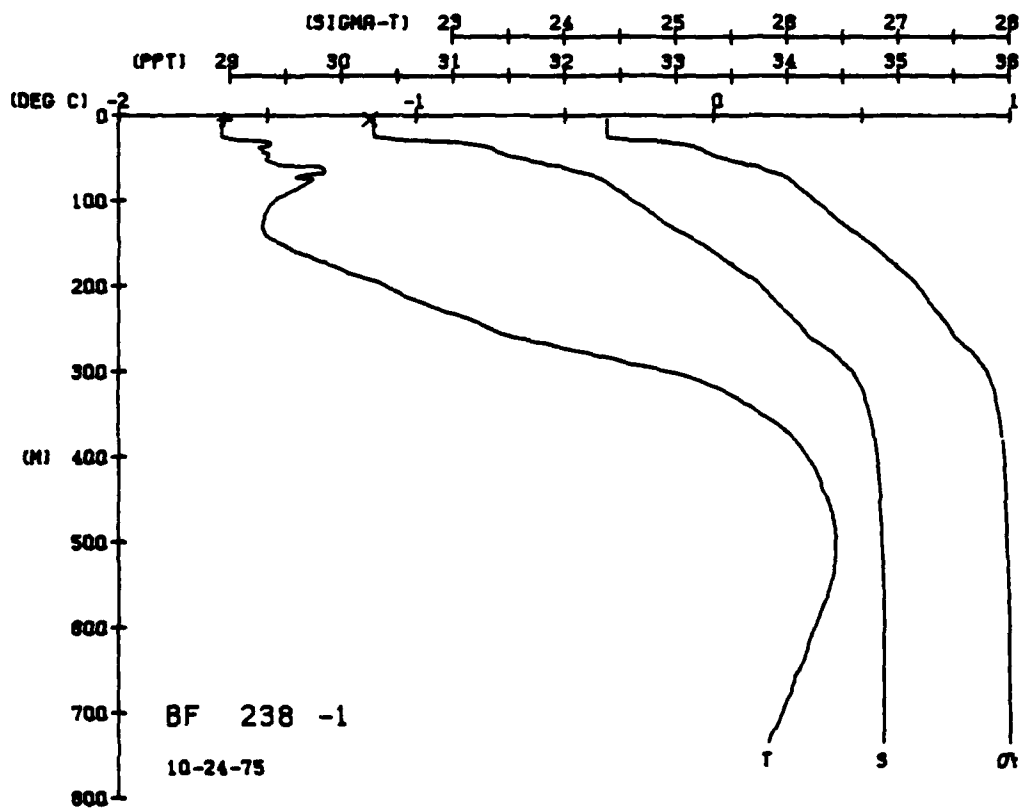
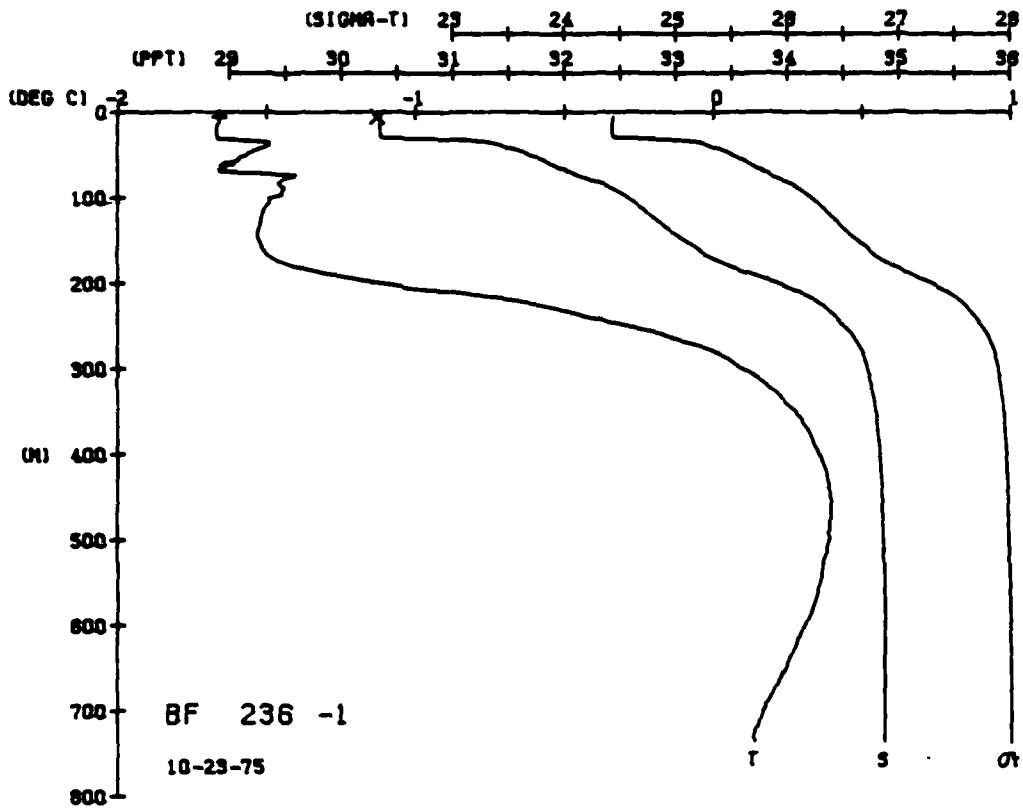
DEPTH	TEMP	PTEMP	SALIN	SIG T	SPVUL	DYHHT	SOUND
0.0	6.4	6.4	30.0	4.4	0.0	0.0	9.00
0.5	6.4	6.4	30.0	4.4	0.0	0.0	9.00
1.0	6.4	6.4	30.0	4.4	0.0	0.0	9.00
1.5	6.4	6.4	30.0	4.4	0.0	0.0	9.00
2.0	6.4	6.4	30.0	4.4	0.0	0.0	9.00
2.5	6.4	6.4	30.0	4.4	0.0	0.0	9.00
3.0	6.4	6.4	30.0	4.4	0.0	0.0	9.00
3.5	6.4	6.4	30.0	4.4	0.0	0.0	9.00
4.0	6.4	6.4	30.0	4.4	0.0	0.0	9.00
4.5	6.4	6.4	30.0	4.4	0.0	0.0	9.00
5.0	6.4	6.4	30.0	4.4	0.0	0.0	9.00
5.5	6.4	6.4	30.0	4.4	0.0	0.0	9.00
6.0	6.4	6.4	30.0	4.4	0.0	0.0	9.00
6.5	6.4	6.4	30.0	4.4	0.0	0.0	9.00
7.0	6.4	6.4	30.0	4.4	0.0	0.0	9.00
7.5	6.4	6.4	30.0	4.4	0.0	0.0	9.00
8.0	6.4	6.4	30.0	4.4	0.0	0.0	9.00
8.5	6.4	6.4	30.0	4.4	0.0	0.0	9.00
9.0	6.4	6.4	30.0	4.4	0.0	0.0	9.00
9.5	6.4	6.4	30.0	4.4	0.0	0.0	9.00
10.0	6.4	6.4	30.0	4.4	0.0	0.0	9.00
10.5	6.4	6.4	30.0	4.4	0.0	0.0	9.00
11.0	6.4	6.4	30.0	4.4	0.0	0.0	9.00
11.5	6.4	6.4	30.0	4.4	0.0	0.0	9.00
12.0	6.4	6.4	30.0	4.4	0.0	0.0	9.00
12.5	6.4	6.4	30.0	4.4	0.0	0.0	9.00
13.0	6.4	6.4	30.0	4.4	0.0	0.0	9.00
13.5	6.4	6.4	30.0	4.4	0.0	0.0	9.00
14.0	6.4	6.4	30.0	4.4	0.0	0.0	9.00
14.5	6.4	6.4	30.0	4.4	0.0	0.0	9.00
15.0	6.4	6.4	30.0	4.4	0.0	0.0	9.00
15.5	6.4	6.4	30.0	4.4	0.0	0.0	9.00
16.0	6.4	6.4	30.0	4.4	0.0	0.0	9.00
16.5	6.4	6.4	30.0	4.4	0.0	0.0	9.00
17.0	6.4	6.4	30.0	4.4	0.0	0.0	9.00
17.5	6.4	6.4	30.0	4.4	0.0	0.0	9.00
18.0	6.4	6.4	30.0	4.4	0.0	0.0	9.00
18.5	6.4	6.4	30.0	4.4	0.0	0.0	9.00
19.0	6.4	6.4	30.0	4.4	0.0	0.0	9.00
19.5	6.4	6.4	30.0	4.4	0.0	0.0	9.00
20.0	6.4	6.4	30.0	4.4	0.0	0.0	9.00
20.5	6.4	6.4	30.0	4.4	0.0	0.0	9.00
21.0	6.4	6.4	30.0	4.4	0.0	0.0	9.00
21.5	6.4	6.4	30.0	4.4	0.0	0.0	9.00
22.0	6.4	6.4	30.0	4.4	0.0	0.0	9.00
22.5	6.4	6.4	30.0	4.4	0.0	0.0	9.00
23.0	6.4	6.4	30.0	4.4	0.0	0.0	9.00
23.5	6.4	6.4	30.0	4.4	0.0	0.0	9.00
24.0	6.4	6.4	30.0	4.4	0.0	0.0	9.00
24.5	6.4	6.4	30.0	4.4	0.0	0.0	9.00
25.0	6.4	6.4	30.0	4.4	0.0	0.0	9.00
25.5	6.4	6.4	30.0	4.4	0.0	0.0	9.00
26.0	6.4	6.4	30.0	4.4	0.0	0.0	9.00
26.5	6.4	6.4	30.0	4.4	0.0	0.0	9.00
27.0	6.4	6.4	30.0	4.4	0.0	0.0	9.00
27.5	6.4	6.4	30.0	4.4	0.0	0.0	9.00
28.0	6.4	6.4	30.0	4.4	0.0	0.0	9.00
28.5	6.4	6.4	30.0	4.4	0.0	0.0	9.00
29.0	6.4	6.4	30.0	4.4	0.0	0.0	9.00
29.5	6.4	6.4	30.0	4.4	0.0	0.0	9.00
30.0	6.4	6.4	30.0	4.4	0.0	0.0	9.00

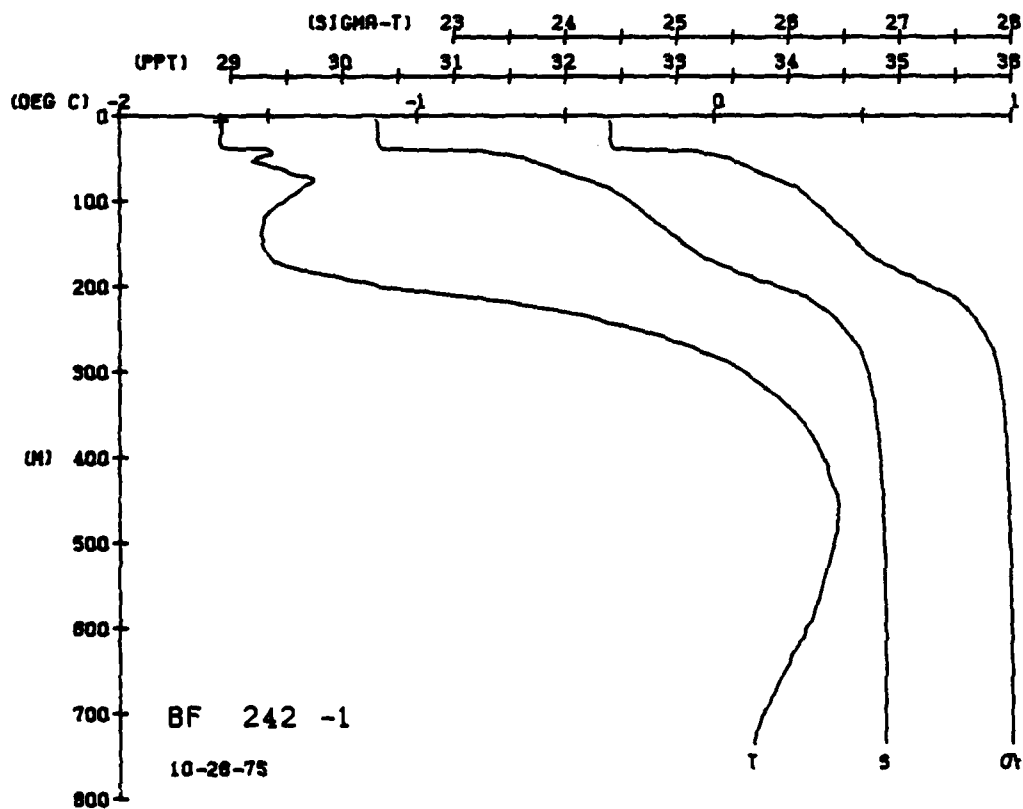
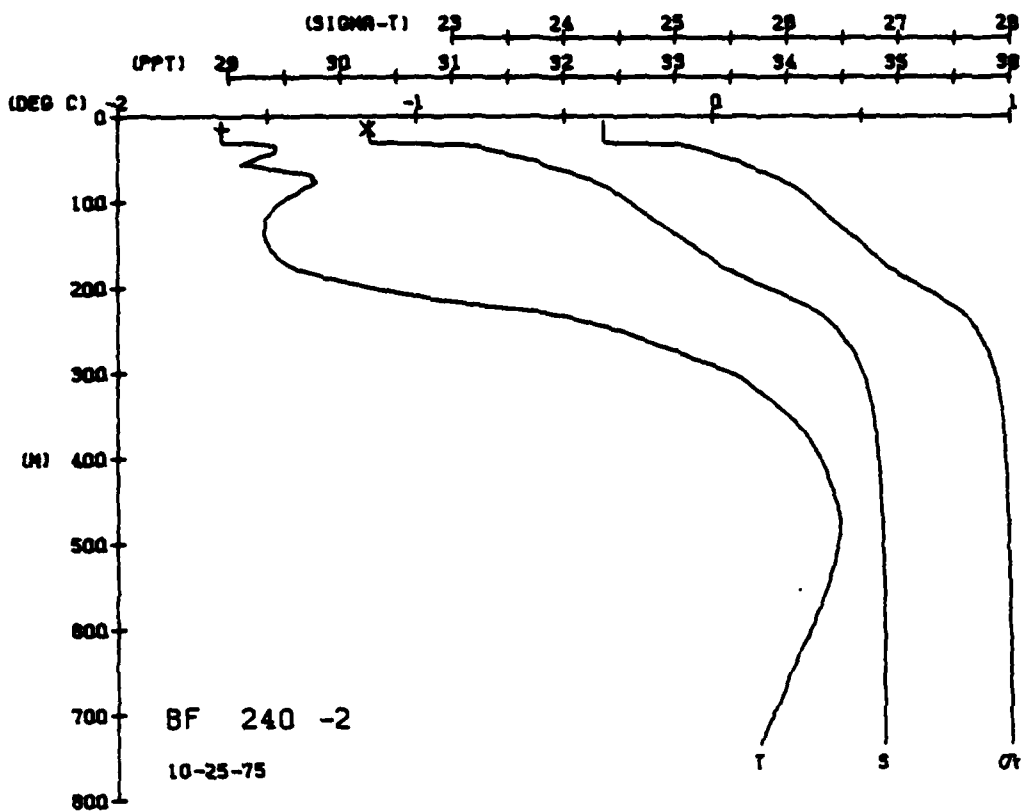
DEPTH TEMP. SALIN

DEPTH TEMP. SALIN

BUT NUM = 1 5.3 -1.65 30.34







BLUE FOX STATION 244(1) CTD 27/OCT/1975 1813 GMT CODE = 2
LAT = 73.3028M LNC = 136.2219M UTKR = 0. UGR = 0.
AIR TEMP = -21.0 BAROM = 1011.4 WIND = 260.8 SPEED = 80.9

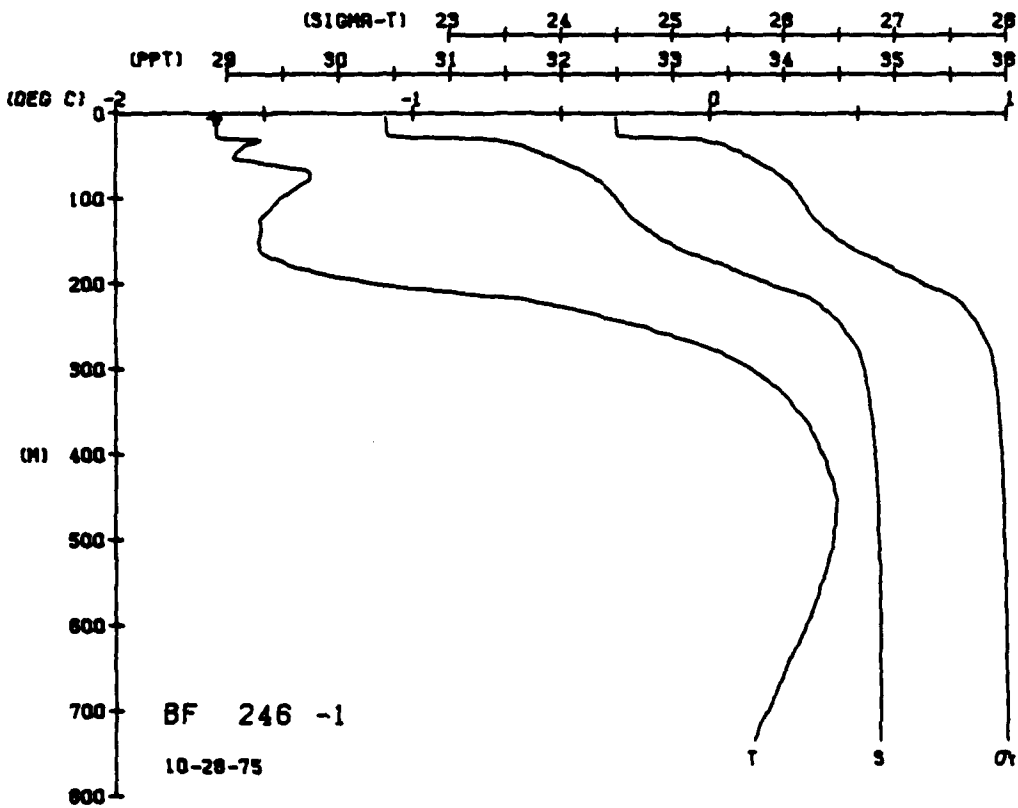
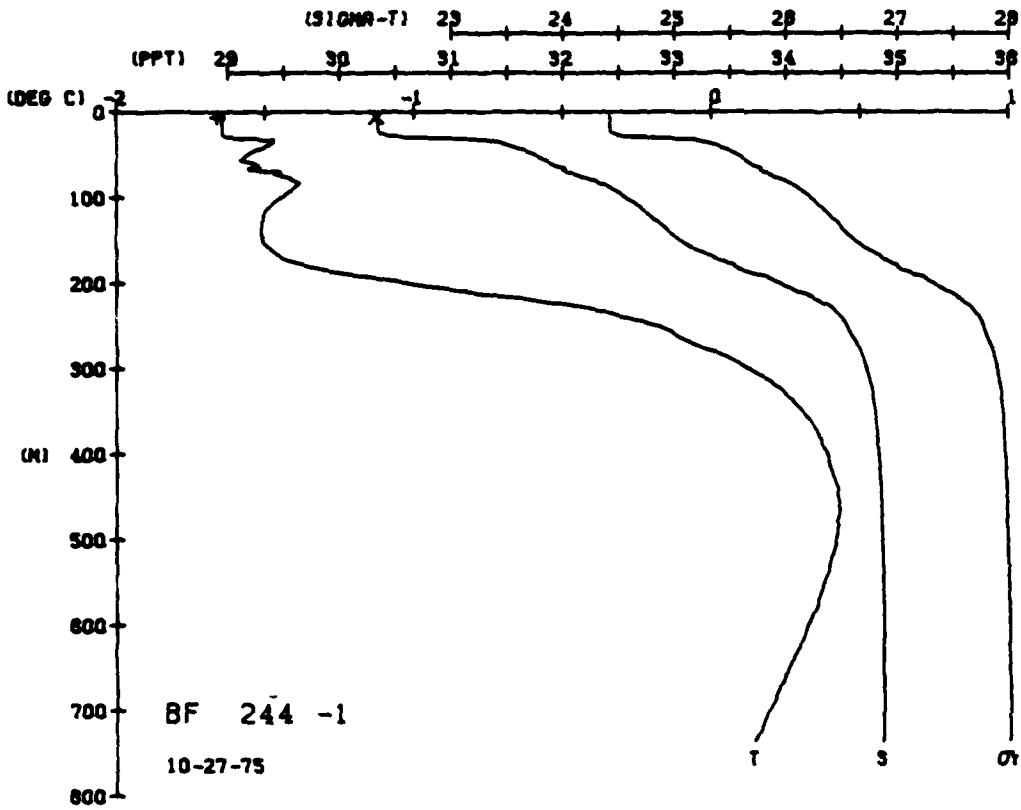
DEPTH	TEMP	PTEMP	SALIN	SIG T	SPVUL	DYHMT	SOUND
00	5.00	5.00	30.33	0.00	0.00	0.00	0.00
05	5.00	5.00	30.33	0.00	0.00	0.00	0.00
10	5.00	5.00	30.33	0.00	0.00	0.00	0.00
15	5.00	5.00	30.33	0.00	0.00	0.00	0.00
20	5.00	5.00	30.33	0.00	0.00	0.00	0.00
25	5.00	5.00	30.33	0.00	0.00	0.00	0.00
30	5.00	5.00	30.33	0.00	0.00	0.00	0.00
35	5.00	5.00	30.33	0.00	0.00	0.00	0.00
40	5.00	5.00	30.33	0.00	0.00	0.00	0.00
45	5.00	5.00	30.33	0.00	0.00	0.00	0.00
50	5.00	5.00	30.33	0.00	0.00	0.00	0.00
55	5.00	5.00	30.33	0.00	0.00	0.00	0.00
60	5.00	5.00	30.33	0.00	0.00	0.00	0.00
65	5.00	5.00	30.33	0.00	0.00	0.00	0.00
70	5.00	5.00	30.33	0.00	0.00	0.00	0.00
75	5.00	5.00	30.33	0.00	0.00	0.00	0.00
80	5.00	5.00	30.33	0.00	0.00	0.00	0.00
85	5.00	5.00	30.33	0.00	0.00	0.00	0.00
90	5.00	5.00	30.33	0.00	0.00	0.00	0.00
95	5.00	5.00	30.33	0.00	0.00	0.00	0.00
100	5.00	5.00	30.33	0.00	0.00	0.00	0.00

DEPTH 5.6 BUT NUM = 1 TEMP -1.66 SALIN 30.33

BLUE FOX STATION 246(1) CTD 28/OCT/1975 1800 GMT CODE = 2
LAT = 73.3028M LNC = 136.2219M UTKR = 0. UGR = 0.
AIR TEMP = -19.7 BAROM = 1012.7 WIND = 322.4 SPEED = 63.8

DEPTH	TEMP	PTEMP	SALIN	SIG T	SPVUL	DYHMT	SOUND
00	5.00	5.00	5.4	0.00	0.00	0.00	0.00
05	5.00	5.00	5.4	0.00	0.00	0.00	0.00
10	5.00	5.00	5.4	0.00	0.00	0.00	0.00
15	5.00	5.00	5.4	0.00	0.00	0.00	0.00
20	5.00	5.00	5.4	0.00	0.00	0.00	0.00
25	5.00	5.00	5.4	0.00	0.00	0.00	0.00
30	5.00	5.00	5.4	0.00	0.00	0.00	0.00
35	5.00	5.00	5.4	0.00	0.00	0.00	0.00
40	5.00	5.00	5.4	0.00	0.00	0.00	0.00
45	5.00	5.00	5.4	0.00	0.00	0.00	0.00
50	5.00	5.00	5.4	0.00	0.00	0.00	0.00
55	5.00	5.00	5.4	0.00	0.00	0.00	0.00
60	5.00	5.00	5.4	0.00	0.00	0.00	0.00
65	5.00	5.00	5.4	0.00	0.00	0.00	0.00
70	5.00	5.00	5.4	0.00	0.00	0.00	0.00
75	5.00	5.00	5.4	0.00	0.00	0.00	0.00
80	5.00	5.00	5.4	0.00	0.00	0.00	0.00
85	5.00	5.00	5.4	0.00	0.00	0.00	0.00
90	5.00	5.00	5.4	0.00	0.00	0.00	0.00
95	5.00	5.00	5.4	0.00	0.00	0.00	0.00
100	5.00	5.00	5.4	0.00	0.00	0.00	0.00

DEPTH 5.4 BUT NUM = 1 TEMP -1.67 SALIN 5.4



MAIN FOX STATION 248(2) CTD 29/OCT/1975 1807 GMT CODE = 2
LAT = 73.1533 N LMG = 15.4388 W LFER = 33.8 LCEA = 292.4
AIR TEMP = -19.7 BARUM = 1015.4 WIND = 322.4 SPEED = 23.4

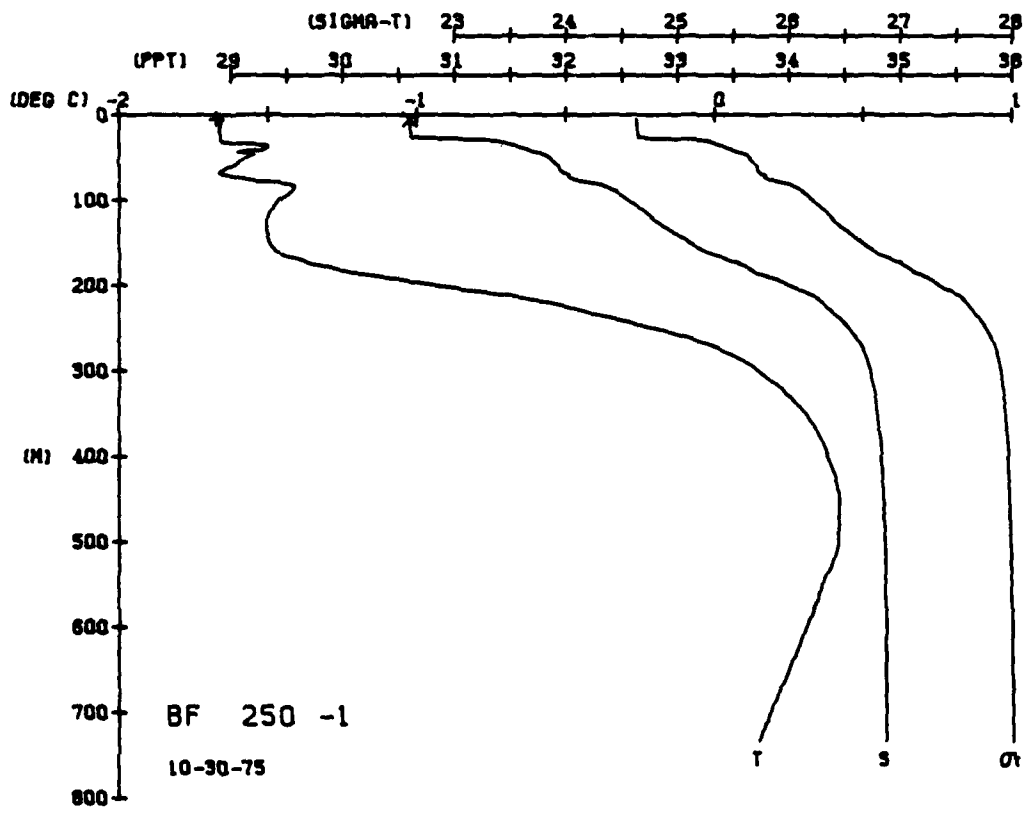
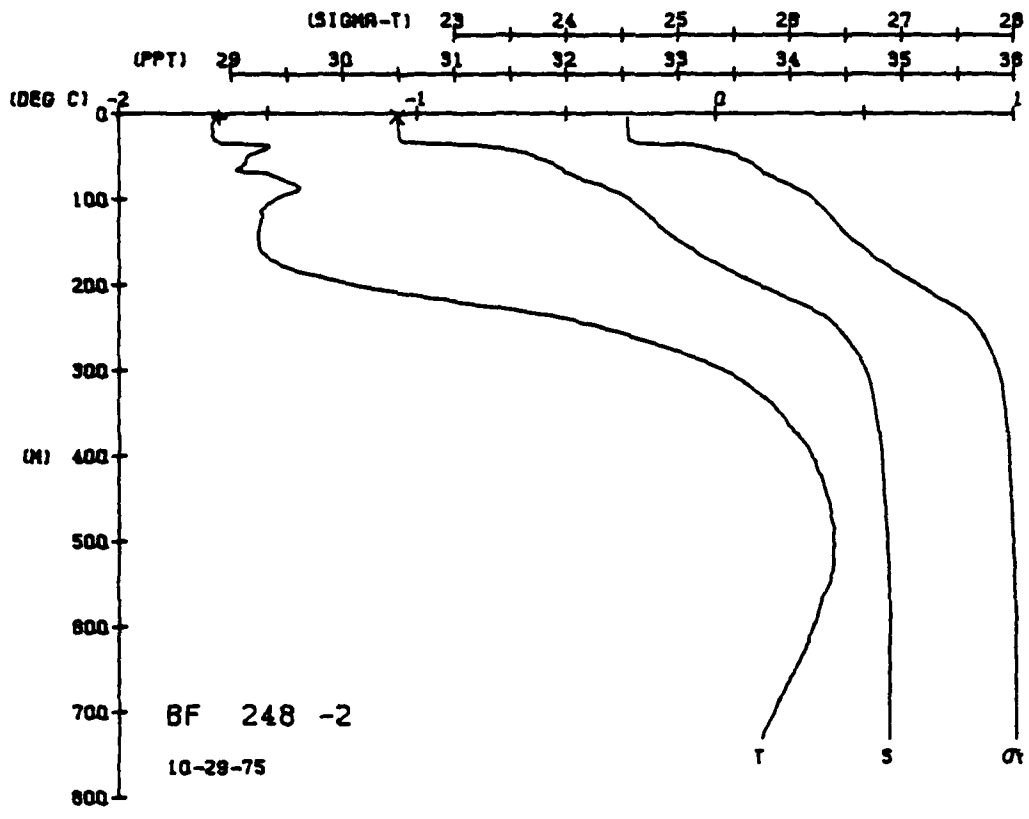
DEPTH	TEMP	PTEMP	SALIN	SIG T	SPVUL	DYHHT	SOUND	DEPTH	TEMP	PTEMP	SALIN	SIG T	SPVUL	DYHHT	SOUND	DEPTH	TEMP	PTEMP	SALIN	SIG T	SPVUL	DYHHT	SOUND
0	68	68	33	55	8	00	1	0	68	68	33	55	8	00	1	0	68	68	33	55	8	00	1
5	68	68	33	55	8	00	1	5	68	68	33	55	8	00	1	5	68	68	33	55	8	00	1
10	68	68	33	55	8	00	1	10	68	68	33	55	8	00	1	10	68	68	33	55	8	00	1
15	68	68	33	55	8	00	1	15	68	68	33	55	8	00	1	15	68	68	33	55	8	00	1
20	68	68	33	55	8	00	1	20	68	68	33	55	8	00	1	20	68	68	33	55	8	00	1
25	68	68	33	55	8	00	1	25	68	68	33	55	8	00	1	25	68	68	33	55	8	00	1
30	68	68	33	55	8	00	1	30	68	68	33	55	8	00	1	30	68	68	33	55	8	00	1
35	68	68	33	55	8	00	1	35	68	68	33	55	8	00	1	35	68	68	33	55	8	00	1
40	68	68	33	55	8	00	1	40	68	68	33	55	8	00	1	40	68	68	33	55	8	00	1
45	68	68	33	55	8	00	1	45	68	68	33	55	8	00	1	45	68	68	33	55	8	00	1
50	68	68	33	55	8	00	1	50	68	68	33	55	8	00	1	50	68	68	33	55	8	00	1
55	68	68	33	55	8	00	1	55	68	68	33	55	8	00	1	55	68	68	33	55	8	00	1
60	68	68	33	55	8	00	1	60	68	68	33	55	8	00	1	60	68	68	33	55	8	00	1
65	68	68	33	55	8	00	1	65	68	68	33	55	8	00	1	65	68	68	33	55	8	00	1
70	68	68	33	55	8	00	1	70	68	68	33	55	8	00	1	70	68	68	33	55	8	00	1
75	68	68	33	55	8	00	1	75	68	68	33	55	8	00	1	75	68	68	33	55	8	00	1
80	68	68	33	55	8	00	1	80	68	68	33	55	8	00	1	80	68	68	33	55	8	00	1
85	68	68	33	55	8	00	1	85	68	68	33	55	8	00	1	85	68	68	33	55	8	00	1
90	68	68	33	55	8	00	1	90	68	68	33	55	8	00	1	90	68	68	33	55	8	00	1
95	68	68	33	55	8	00	1	95	68	68	33	55	8	00	1	95	68	68	33	55	8	00	1
100	68	68	33	55	8	00	1	100	68	68	33	55	8	00	1	100	68	68	33	55	8	00	1

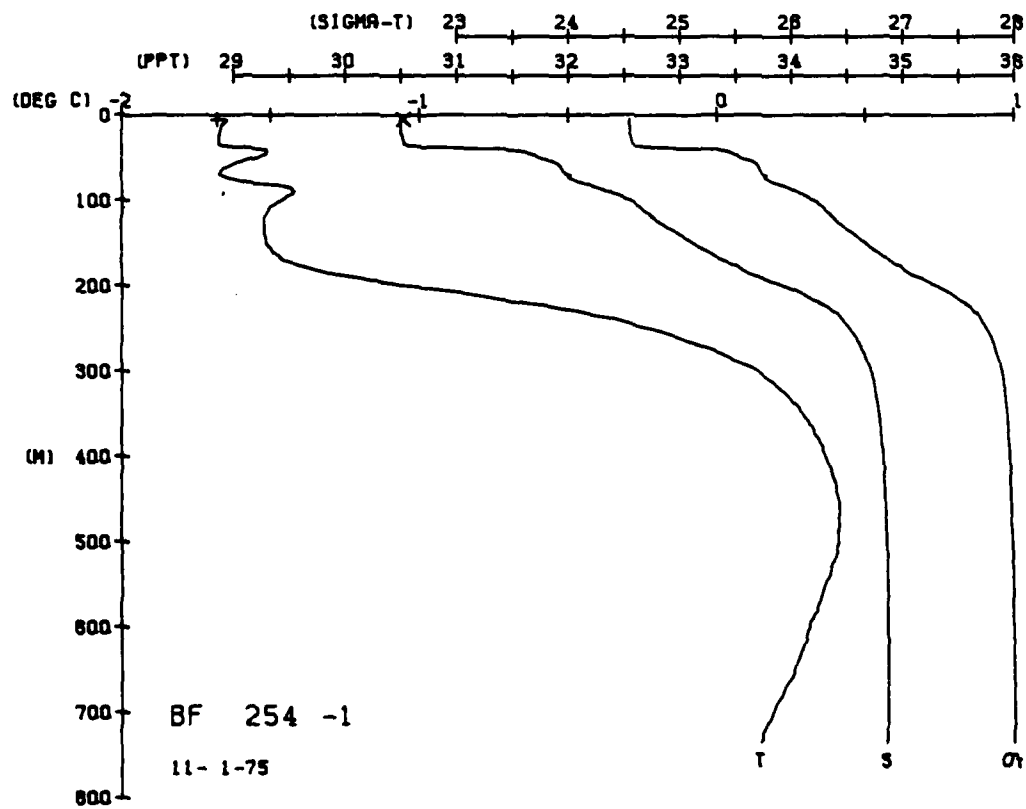
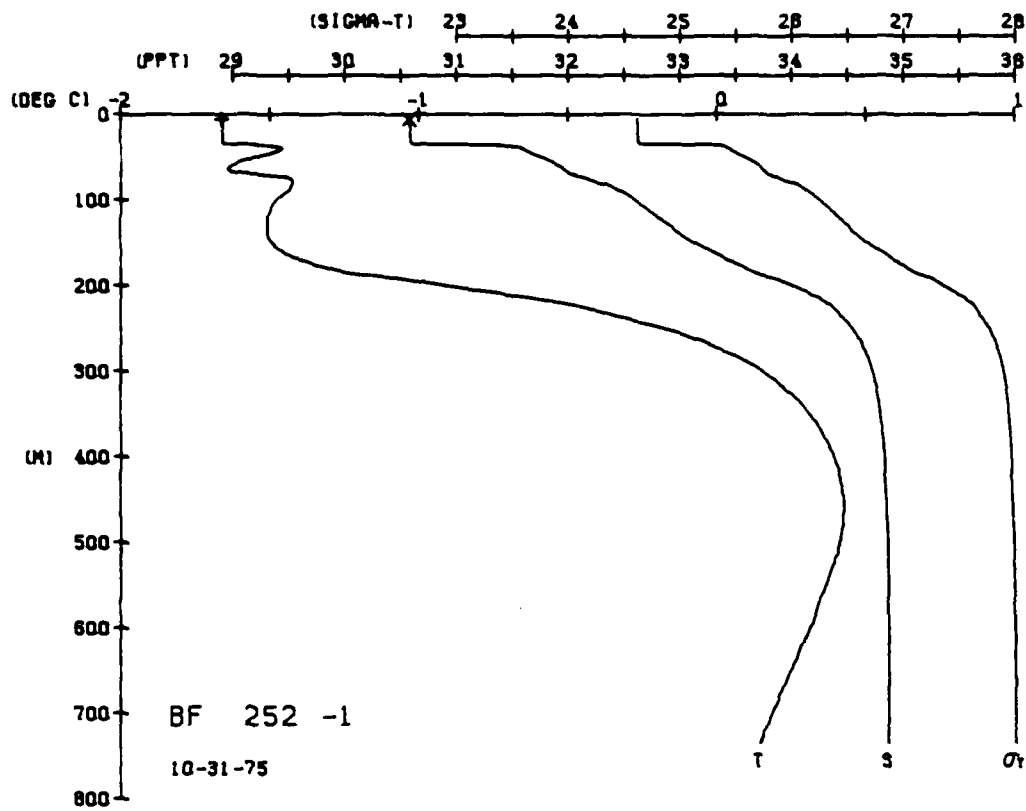
BLUE FOX STATION 250(1) CTD 30/OCT/1975 1800 GMT CODE = 2
LAT = 73.0104 N LMG = 15.6180 W LFER = 33.8 LCEA = 292.4
AIR TEMP = -23.6 BARUM = 1011.8 WIND = 352.9 SPEED = 23.4

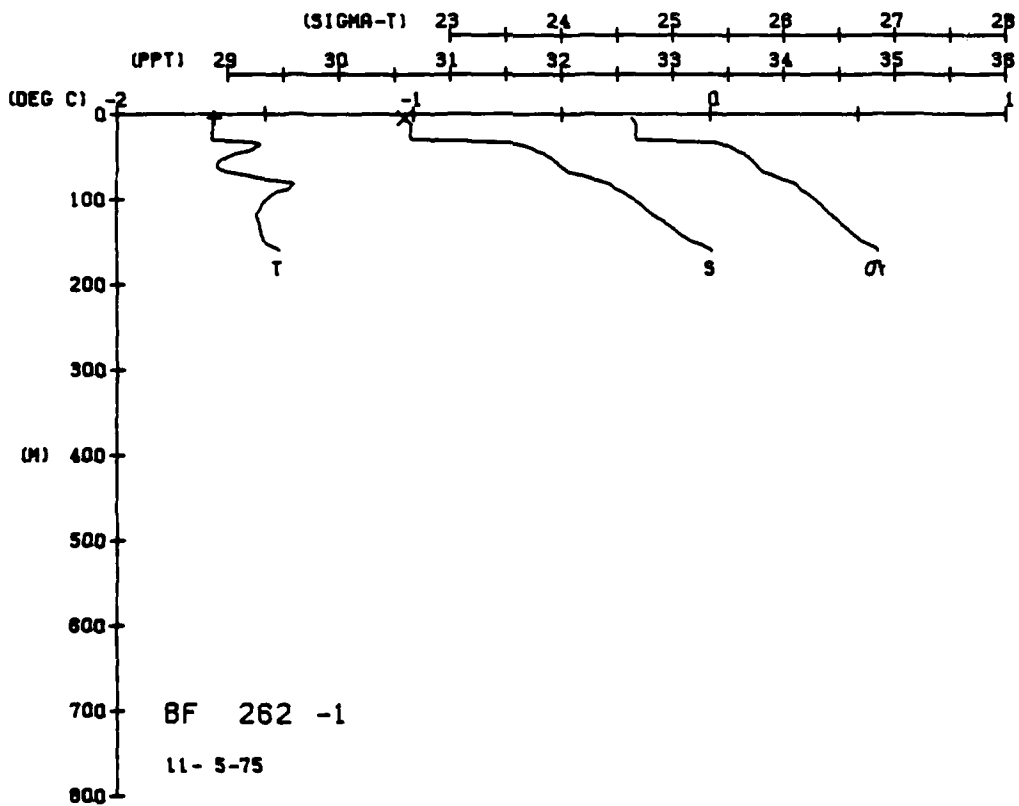
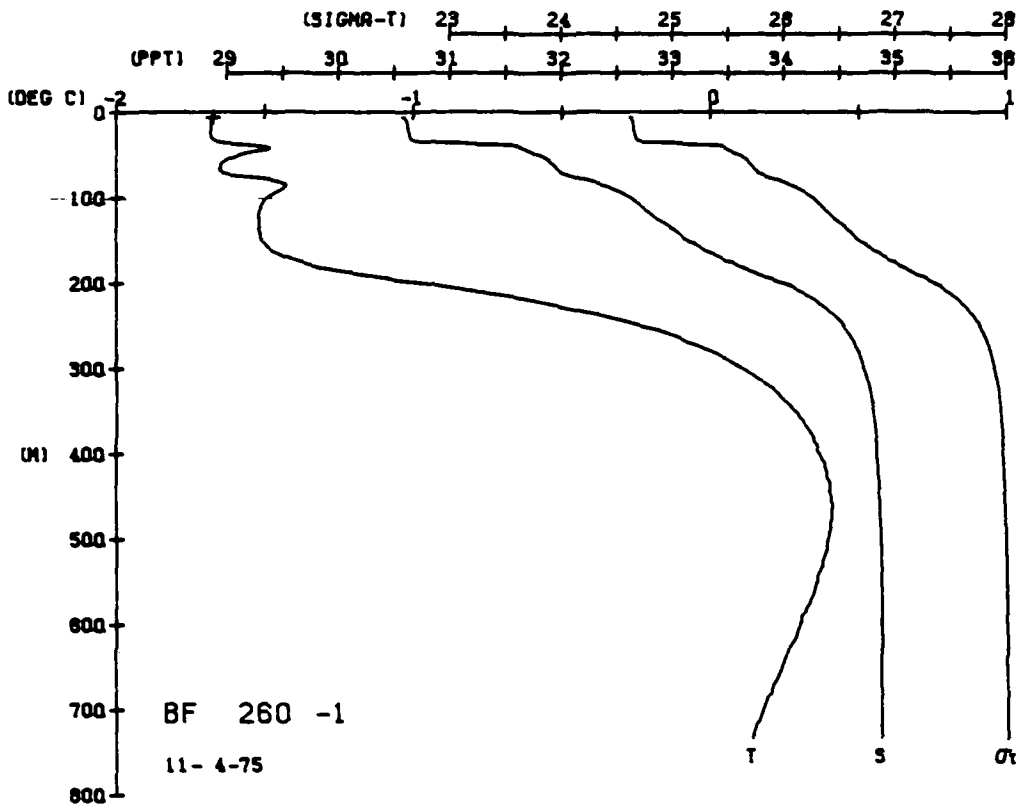
DEPTH	TEMP	PTEMP	SALIN	SIG T	SPVUL	DYHHT	SOUND	DEPTH	TEMP	PTEMP	SALIN	SIG T	SPVUL	DYHHT	SOUND	DEPTH	TEMP	PTEMP	SALIN	SIG T	SPVUL	DYHHT	SOUND
0	68	68	33	55	8	00	1	0	68	68	33	55	8	00	1	0	68	68	33	55	8	00	1
5	68	68	33	55	8	00	1	5	68	68	33	55	8	00	1	5	68	68	33	55	8	00	1
10	68	68	33	55	8	00	1	10	68	68	33	55	8	00	1	10	68	68	33	55	8	00	1
15	68	68	33	55	8	00	1	15	68	68	33	55	8	00	1	15	68	68	33	55	8	00	1
20	68	68	33	55	8	00	1	20	68	68	33	55	8	00	1	20	68	68	33	55	8	00	1
25	68	68	33	55	8	00	1	25	68	68	33	55	8	00	1	25	68	68	33	55	8	00	1
30	68	68	33	55	8	00	1	30	68	68	33	55	8	00	1	30	68	68	33	55	8	00	1
35	68	68	33	55	8	00	1	35	68	68	33	55	8	00	1	35	68	68	33	55	8	00	1
40	68	68	33	55	8	00	1	40	68	68	33	55	8	00	1	40	68	68	33	55	8	00	1
45	68	68	33	55	8	00	1	45	68	68	33	55	8	00	1	45	68	68	33	55	8	00	1
50	68	68	33	55	8	00	1	50	68	68	33	55	8	00	1	50	68	68	33	55	8	00	1
55	68	68	33	55	8	00	1	55	68	68	33	55	8	00	1	55	68	68	33	55	8	00	1
60	68	68	33	55	8	00	1	60	68	68	33	55	8	00	1	60	68	68	33	55	8	00	1
65	68	68	33	55	8	00	1	65	68	68	33	55	8	00	1	65	68	68	33	55	8	00	1
70	68	68	33	55	8	00	1	70	68	68	33	55	8	00	1	70	68	68	33	55	8	00	1
75	68	68	33	55	8	00	1	75	68	68	33	55	8	00	1	75	68	68	33	55	8	00	1
80	68	68	33	55	8	00	1	80	68	68	33	55	8	00	1	80	68	68	33	55	8	00	1
85	68	68	33	55	8	00	1	85	68	68	33	55	8	00	1	85	68	68	33	55	8	00	1
90	68	68	33	55	8	00	1	90	68	68	33	55	8	00	1	90	68	68	33	55	8	00	1
95	68	68	33	55	8	00	1	95	68	68	33	55	8	00	1	95	68	68	33	55	8	00	1
100	68	68	33	55	8	00	1	100	68	68	33	55	8	00	1	100	68	68	33	55	8	00	1

HUT NUM = 1 DEPTH = 3.4 TEMP. = -1.66 SALIN = 30.49

HUT NUM = 1 DEPTH = 5.4 TEMP. = -1.67 SALIN = 30.60







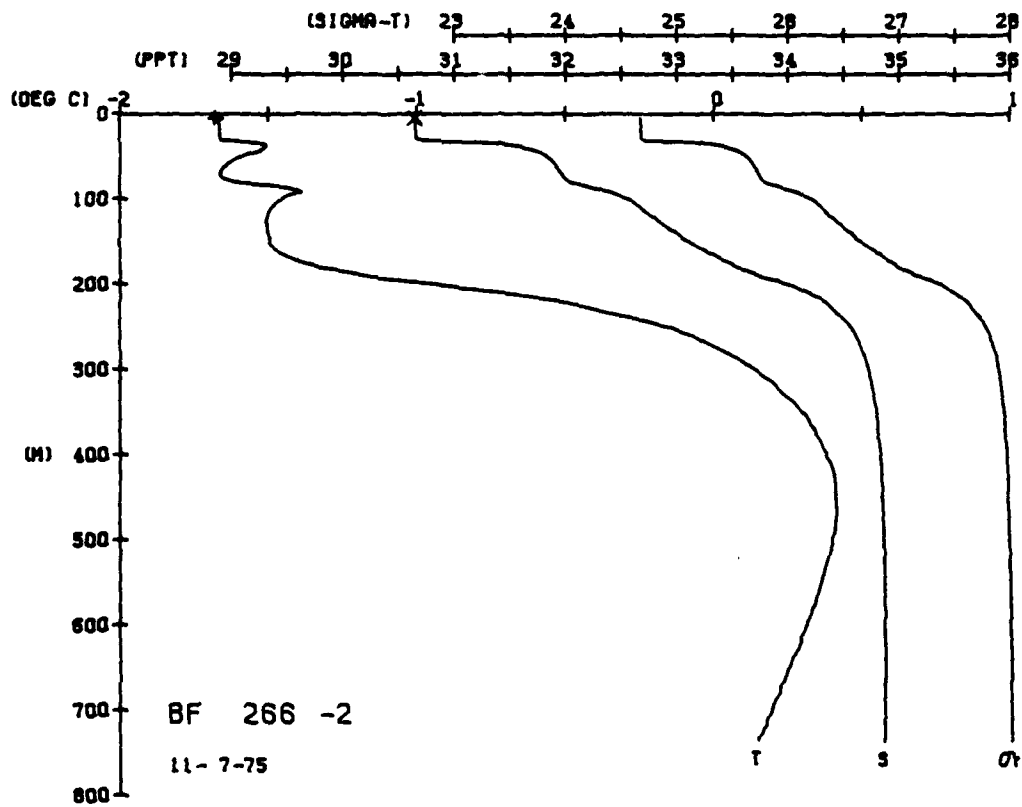
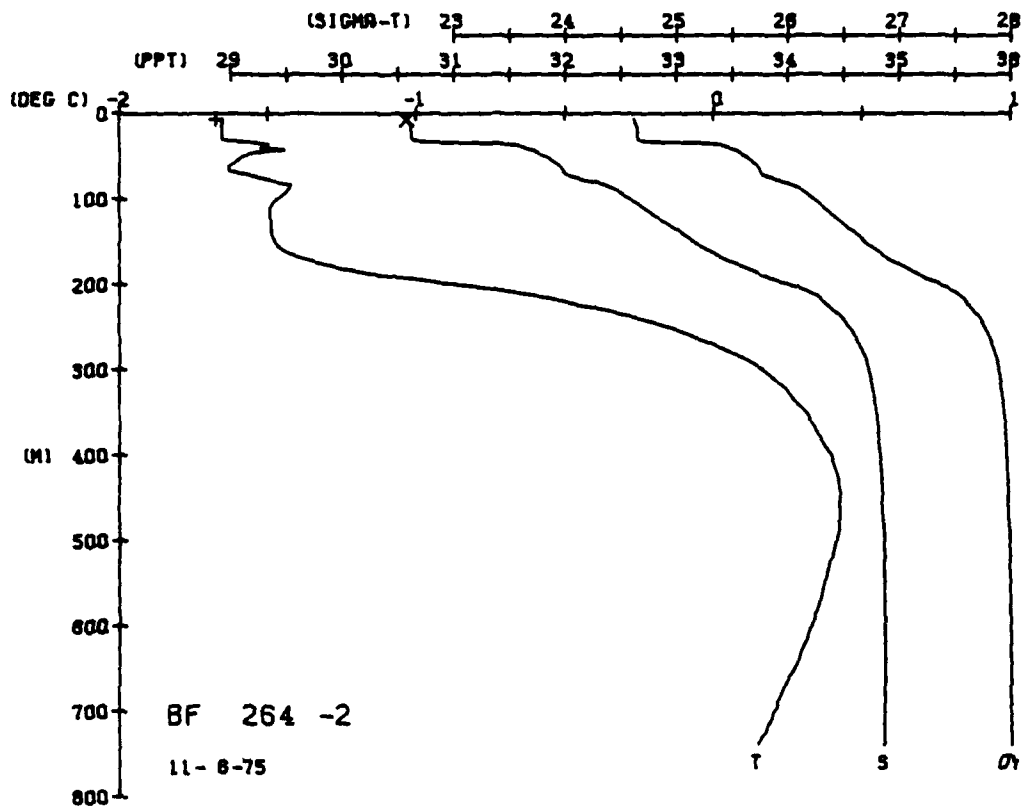
BUOY FOX STATION 266(2) CTD 7/NOV/1975 1805 GMT CODE = 2
 LAT = 73.0170N LNG = 136.1747W LTER = 0 LGER = 0
 AIR TEMP = -28.5 BARUM = 1005.0 WIND = 163.4 SPEED = 27.9

BUOY FOX STATION 264(2) CTD 6/NOV/1975 1802 GMT CODE = 2
 LAT = 73.9914N LNG = 136.2831W LTER = 1 LGER = 2
 AIR TEMP = -28.5 BARUM = 1003.2 WIND = 163.4 SPEED = 27.9

DEPTH	TEMP	PTEMP	SALIN	SIG T	SPVOL	DYNHT	SOUND	DEPTH	TEMP	PTEMP	SALIN	SIG T	SPVOL	DYNHT	SOUND
0	1.66	1.66	30.00	2.4	32.2	0.0	143	0	1.66	1.66	30.00	2.4	32.2	0.0	143
5	1.66	1.66	30.00	2.4	32.2	0.0	143	5	1.66	1.66	30.00	2.4	32.2	0.0	143
10	1.66	1.66	30.00	2.4	32.2	0.0	143	10	1.66	1.66	30.00	2.4	32.2	0.0	143
15	1.66	1.66	30.00	2.4	32.2	0.0	143	15	1.66	1.66	30.00	2.4	32.2	0.0	143
20	1.66	1.66	30.00	2.4	32.2	0.0	143	20	1.66	1.66	30.00	2.4	32.2	0.0	143
25	1.66	1.66	30.00	2.4	32.2	0.0	143	25	1.66	1.66	30.00	2.4	32.2	0.0	143
30	1.66	1.66	30.00	2.4	32.2	0.0	143	30	1.66	1.66	30.00	2.4	32.2	0.0	143
35	1.66	1.66	30.00	2.4	32.2	0.0	143	35	1.66	1.66	30.00	2.4	32.2	0.0	143
40	1.66	1.66	30.00	2.4	32.2	0.0	143	40	1.66	1.66	30.00	2.4	32.2	0.0	143
45	1.66	1.66	30.00	2.4	32.2	0.0	143	45	1.66	1.66	30.00	2.4	32.2	0.0	143
50	1.66	1.66	30.00	2.4	32.2	0.0	143	50	1.66	1.66	30.00	2.4	32.2	0.0	143
55	1.66	1.66	30.00	2.4	32.2	0.0	143	55	1.66	1.66	30.00	2.4	32.2	0.0	143
60	1.66	1.66	30.00	2.4	32.2	0.0	143	60	1.66	1.66	30.00	2.4	32.2	0.0	143
65	1.66	1.66	30.00	2.4	32.2	0.0	143	65	1.66	1.66	30.00	2.4	32.2	0.0	143
70	1.66	1.66	30.00	2.4	32.2	0.0	143	70	1.66	1.66	30.00	2.4	32.2	0.0	143
75	1.66	1.66	30.00	2.4	32.2	0.0	143	75	1.66	1.66	30.00	2.4	32.2	0.0	143
80	1.66	1.66	30.00	2.4	32.2	0.0	143	80	1.66	1.66	30.00	2.4	32.2	0.0	143
85	1.66	1.66	30.00	2.4	32.2	0.0	143	85	1.66	1.66	30.00	2.4	32.2	0.0	143
90	1.66	1.66	30.00	2.4	32.2	0.0	143	90	1.66	1.66	30.00	2.4	32.2	0.0	143
95	1.66	1.66	30.00	2.4	32.2	0.0	143	95	1.66	1.66	30.00	2.4	32.2	0.0	143
100	1.66	1.66	30.00	2.4	32.2	0.0	143	100	1.66	1.66	30.00	2.4	32.2	0.0	143

DEPTH 6.7 BUT NUM = 1 TEMP -1.67 SALIN 30.58

DEPTH 5.1 BUT NUM = 1 TEMP -1.68 SALIN 30.65



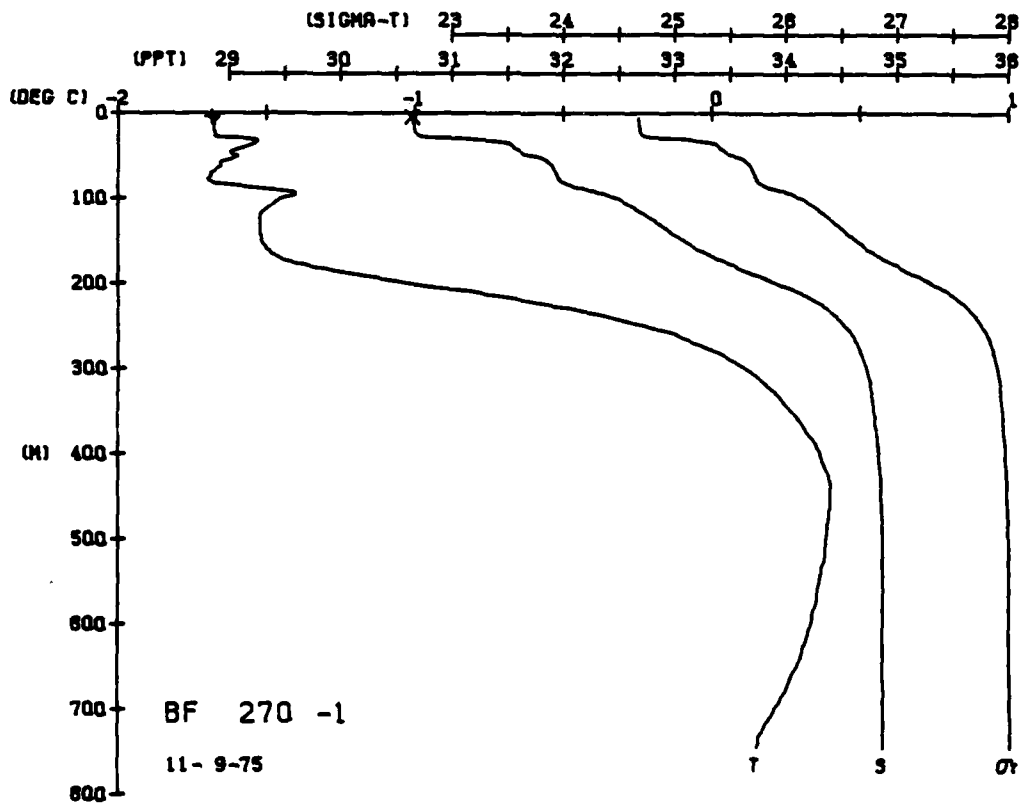
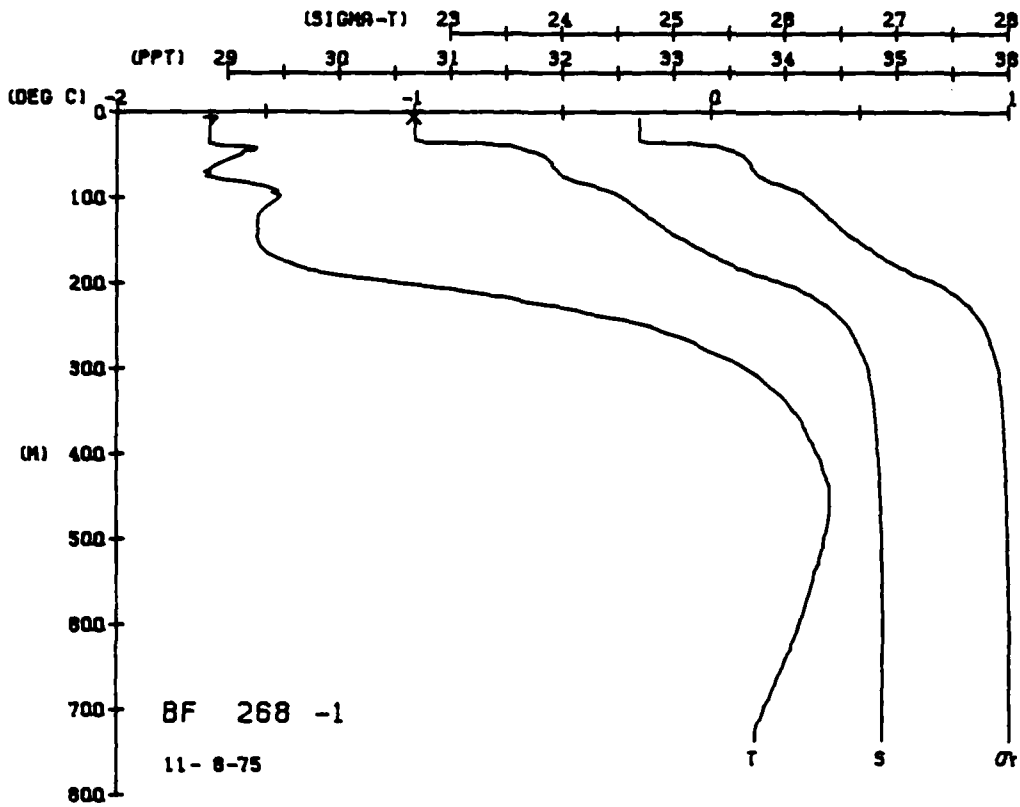
BLUE FOX STATION 268(1) CTD 8/NOV/1975 1808 GMT CODE = 2
LAT = 73.0501N LNC = 136.21090W LTKR = 1.0
AIR TEMP = 27.29 WIND = 163.4 SPEED = 27.29

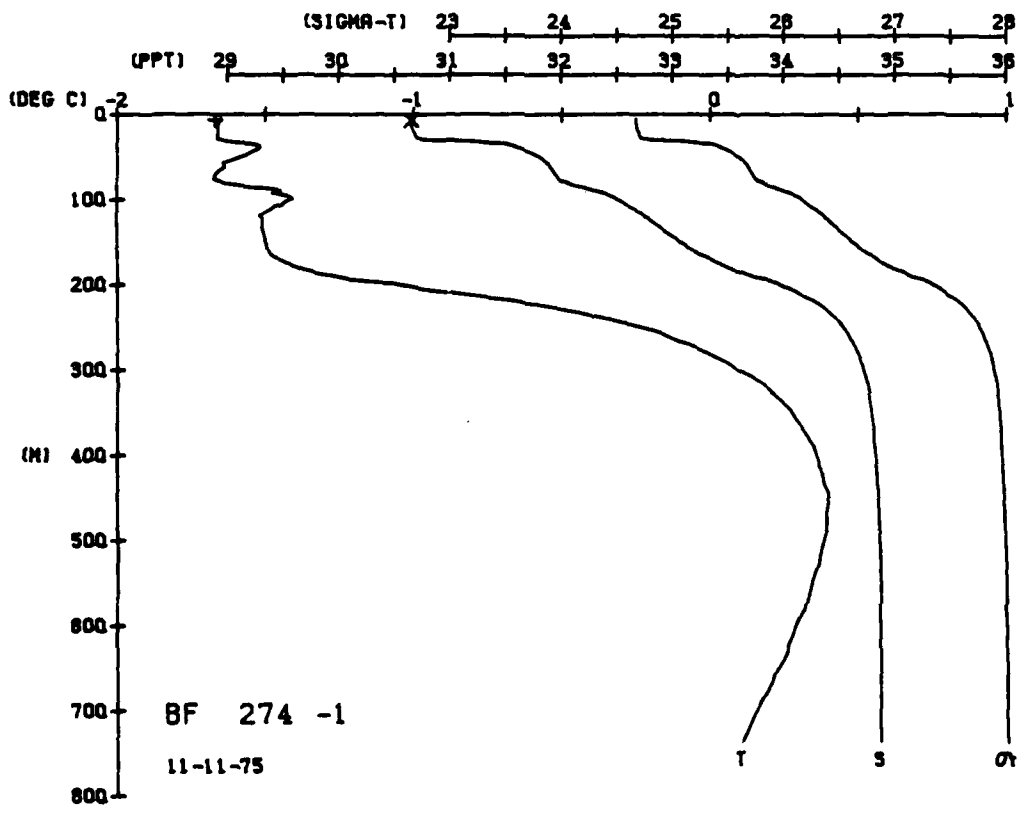
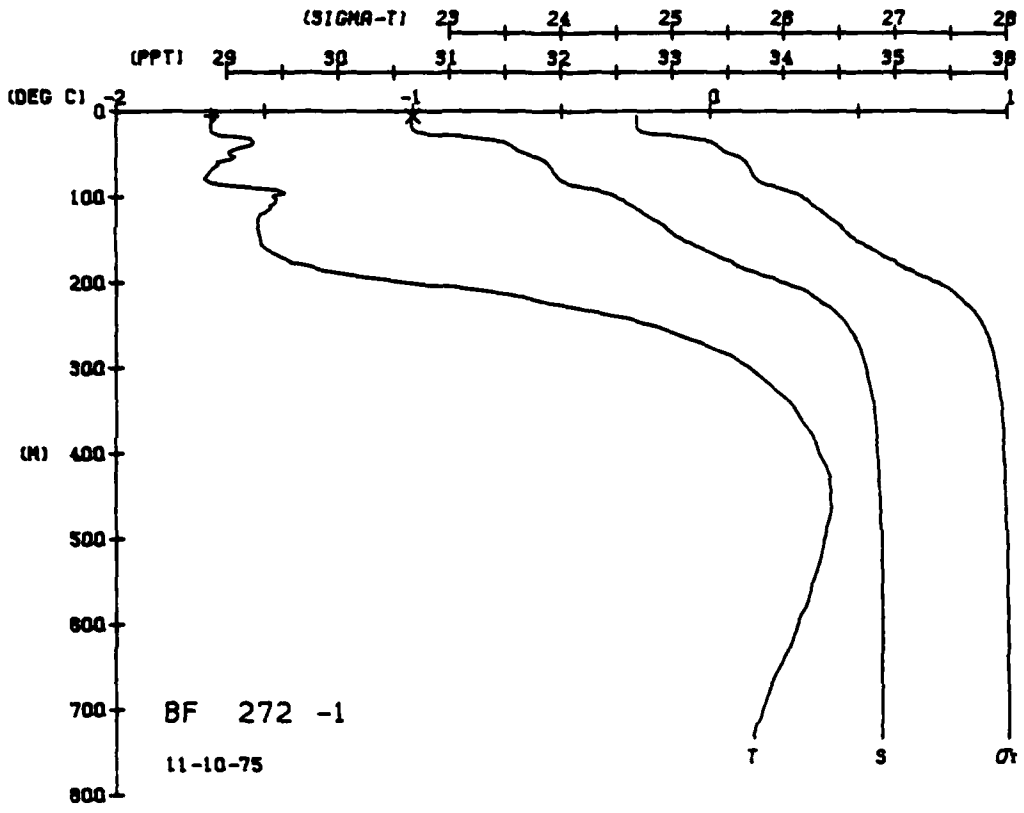
DEPTH	TEMP	TEMP	DEPTH	TEMP	TEMP	DEPTH	TEMP	TEMP	DEPTH	TEMP	TEMP
0	67	67	0	67	67	0	67	67	0	67	67
5	66	66	5	66	66	5	66	66	5	66	66
10	65	65	10	65	65	10	65	65	10	65	65
15	64	64	15	64	64	15	64	64	15	64	64
20	63	63	20	63	63	20	63	63	20	63	63
25	62	62	25	62	62	25	62	62	25	62	62
30	61	61	30	61	61	30	61	61	30	61	61
35	60	60	35	60	60	35	60	60	35	60	60
40	59	59	40	59	59	40	59	59	40	59	59
45	58	58	45	58	58	45	58	58	45	58	58
50	57	57	50	57	57	50	57	57	50	57	57
55	56	56	55	56	56	55	56	56	55	56	56
60	55	55	60	55	55	60	55	55	60	55	55
65	54	54	65	54	54	65	54	54	65	54	54
70	53	53	70	53	53	70	53	53	70	53	53
75	52	52	75	52	52	75	52	52	75	52	52
80	51	51	80	51	51	80	51	51	80	51	51
85	50	50	85	50	50	85	50	50	85	50	50
90	49	49	90	49	49	90	49	49	90	49	49
95	48	48	95	48	48	95	48	48	95	48	48
100	47	47	100	47	47	100	47	47	100	47	47
105	46	46	105	46	46	105	46	46	105	46	46
110	45	45	110	45	45	110	45	45	110	45	45
115	44	44	115	44	44	115	44	44	115	44	44
120	43	43	120	43	43	120	43	43	120	43	43
125	42	42	125	42	42	125	42	42	125	42	42
130	41	41	130	41	41	130	41	41	130	41	41
135	40	40	135	40	40	135	40	40	135	40	40
140	39	39	140	39	39	140	39	39	140	39	39
145	38	38	145	38	38	145	38	38	145	38	38
150	37	37	150	37	37	150	37	37	150	37	37
155	36	36	155	36	36	155	36	36	155	36	36
160	35	35	160	35	35	160	35	35	160	35	35
165	34	34	165	34	34	165	34	34	165	34	34
170	33	33	170	33	33	170	33	33	170	33	33
175	32	32	175	32	32	175	32	32	175	32	32
180	31	31	180	31	31	180	31	31	180	31	31
185	30	30	185	30	30	185	30	30	185	30	30
190	29	29	190	29	29	190	29	29	190	29	29
195	28	28	195	28	28	195	28	28	195	28	28
200	27	27	200	27	27	200	27	27	200	27	27
205	26	26	205	26	26	205	26	26	205	26	26
210	25	25	210	25	25	210	25	25	210	25	25
215	24	24	215	24	24	215	24	24	215	24	24
220	23	23	220	23	23	220	23	23	220	23	23
225	22	22	225	22	22	225	22	22	225	22	22
230	21	21	230	21	21	230	21	21	230	21	21
235	20	20	235	20	20	235	20	20	235	20	20
240	19	19	240	19	19	240	19	19	240	19	19
245	18	18	245	18	18	245	18	18	245	18	18
250	17	17	250	17	17	250	17	17	250	17	17
255	16	16	255	16	16	255	16	16	255	16	16
260	15	15	260	15	15	260	15	15	260	15	15
265	14	14	265	14	14	265	14	14	265	14	14
270	13	13	270	13	13	270	13	13	270	13	13
275	12	12	275	12	12	275	12	12	275	12	12
280	11	11	280	11	11	280	11	11	280	11	11
285	10	10	285	10	10	285	10	10	285	10	10
290	9	9	290	9	9	290	9	9	290	9	9
295	8	8	295	8	8	295	8	8	295	8	8
300	7	7	300	7	7	300	7	7	300	7	7
305	6	6	305	6	6	305	6	6	305	6	6
310	5	5	310	5	5	310	5	5	310	5	5
315	4	4	315	4	4	315	4	4	315	4	4
320	3	3	320	3	3	320	3	3	320	3	3
325	2	2	325	2	2	325	2	2	325	2	2
330	1	1	330	1	1	330	1	1	330	1	1
335	0	0	335	0	0	335	0	0	335	0	0
340	0	0	340	0	0	340	0	0	340	0	0
345	0	0	345	0	0	345	0	0	345	0	0
350	0	0	350	0	0	350	0	0	350	0	0
355	0	0	355	0	0	355	0	0	355	0	0
360	0	0	360	0	0	360	0	0	360	0	0
365	0	0	365	0	0	365	0	0	365	0	0
370	0	0	370	0	0	370	0	0	370	0	0
375	0	0	375	0	0	375	0	0	375	0	0
380	0	0	380	0	0	380	0	0	380	0	0
385	0	0	385	0	0	385	0	0	385	0	0
390	0	0	390	0	0	390	0	0	390	0	0
395	0	0	395	0	0	395	0	0	395	0	0
400	0	0	400	0	0	400	0	0	400	0	0
405	0	0	405	0	0	405	0	0	405	0	0
410	0	0	410	0	0	410	0	0	410	0	0
415	0	0	415	0	0	415	0	0	415	0	0
420	0	0	420	0	0	420	0	0	420	0	0
425	0	0	425	0	0	425	0	0	425	0	0
430	0	0	430	0	0	430	0	0	430	0	0
435	0	0	435	0	0	435	0	0	435	0	0
440	0	0	440	0	0	440	0	0	440	0	0
445	0	0	445	0	0	445	0	0	445	0	0
450	0	0	450	0	0	450	0	0	450	0	0
455	0	0	455	0	0	455	0	0	455	0	0
460	0	0	460	0	0	460	0	0	460	0	0
465	0	0	465	0	0	465	0	0	465	0	0
470	0	0	470	0	0	470	0	0	470	0	0
475	0	0	475	0	0	475	0	0	475	0	0
480	0	0	480	0	0	480	0	0	480	0	0
485	0	0	485	0	0	485	0	0	485	0	0
490	0	0	490	0	0	490	0	0	490	0	0
495	0	0	495	0	0	495	0	0	495	0	0
500	0	0	500	0	0	500	0	0	500	0	0

DEPTH 5.6 BUT NUM = 1 TEMP -1.69 SALIN 30.67

BLUE FOX STATION 270(1) CTD 9/NOV/1975 1803 GMT CODE = 2
LAT = 73.0453N LNC = 136.1237W LTKR = 1.0
AIR TEMP = 27.29 WIND = 103.0

DEPTH	TEMP	TEMP	DEPTH	TEMP	TEMP	DEPTH	TEMP	TEMP	DEPTH	TEMP	TEMP
0	67	67	0	67	67	0	67	67	0	67	67
5	66	66	5	66	66	5	66	66	5	66	66
10	65	65	10	65	65	10	65	65	10	65	65
15	64	64	15	64	64	15	64	64	15	64	64
20	63	63	20	63	63	20	63	63	20	63	63
25	62	62	25	62	62	25	62	62	25	62	62
30	61	61	30	61	61	30	61	61	30	61	61
35	60	60	35	60	60	35	60	60	35	60	60
40	59	59	40	59	59	40	59	59	40	59	59
45	58	58	45	58	58	45	58	58	45	58	58
50	57	57	50	57	57	50	57	57	50	57	57
55	56	56	55	56	56	55	56	56	55	56	56
60	55	55	60	55	55	60	55	55	60	55	55
65	54	54	65	54	54	65	54	54	65	54	54
70	53	53	70	53	53	70	53	53	70	53	53
75	52	52	75	52	52	75	52	52	75	52	52
80	51	51	80	51	51	80	51	51	80	51	51
85	50	50	85	50	50	85	50	50	85	50	50
90	49	49	90	49	49	90	49	49	90	49	49
95	48	48	95	48	48	95	48	48	95	48	48
100	47	47	100	47	47	100	47	47	100	47	47
105	46	46	105	46	46	105	46	46	105	46	46
110	45	45	110	45	45	110	45	45	110	45	45
115	44	44	115	44	44	115	44	44	115	44	44
120	43	43	120	43	43	120	43	43	120	43	43
125	42	42	125	42	42	125	42	42	125	42	42
130	41	41	130	41	41	130	41	41	130	41	41
135	40	40	135	40	40	135	40	40	135	40	40
140	39	39	140	39	39	140	39	39	140	39	39
145	38	38	145	38	38	145	38	38	145	38	38
150	37	37	150	37	37	150	37	37	150	37	37
155	36	36	155	36	36	155	36	36	155	36	36
160	35	35	160	35	35	160	35	35	160	35	35
165	34	34	165								





BLUE FOX STATION 276(1) CTD 12/NOV/1975 1801 GMT CODE = 2
LAT = 72.9958N LNG = 136.1243W LTER = 0. LGER = 0.
AIR TEMP = 1011.4 WIND = 0. LGER = 0.
BARUM = 1011.4

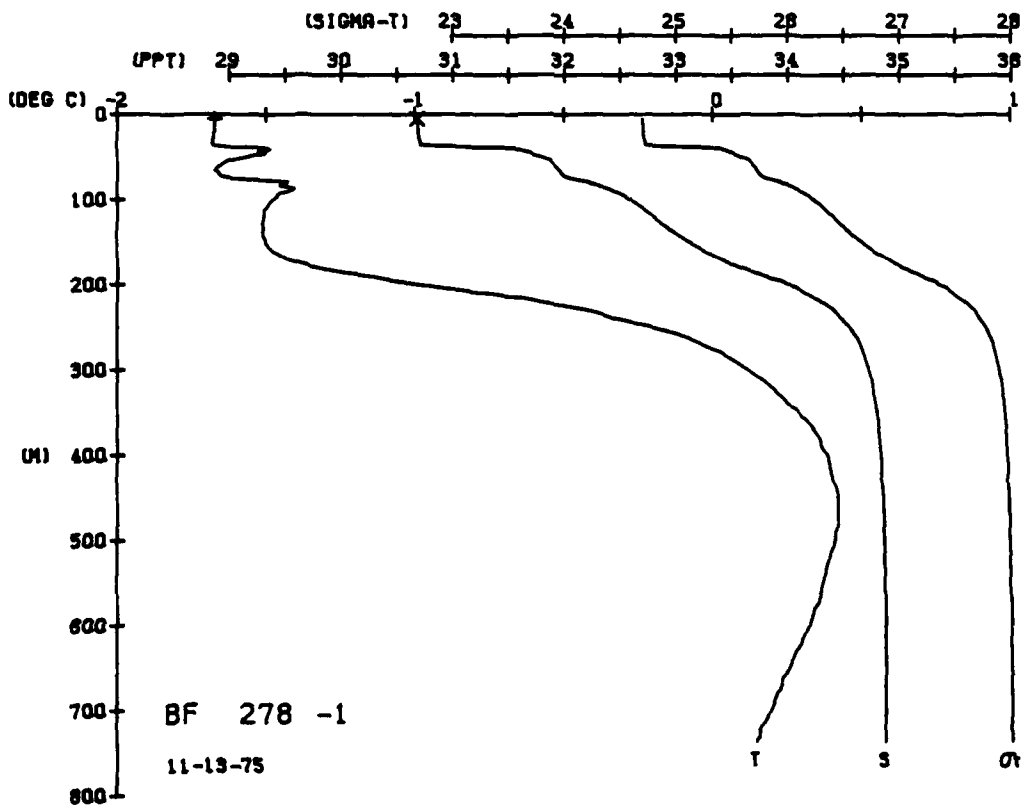
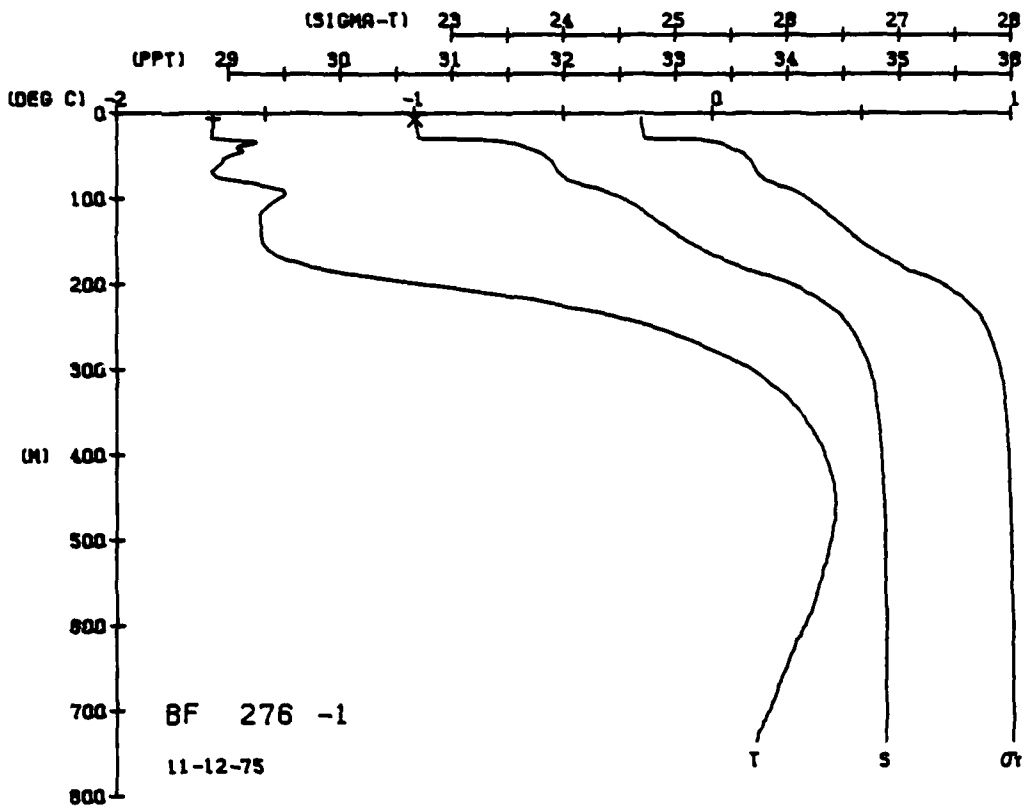
BLUE FOX STATION 276(1) CTD 12/NOV/1975 1801 GMT CODE = 2
LAT = 72.9958N LNG = 136.1243W LTER = 0. LGER = 0.
AIR TEMP = 1011.4 WIND = 0. LGER = 0.
BARUM = 1011.4

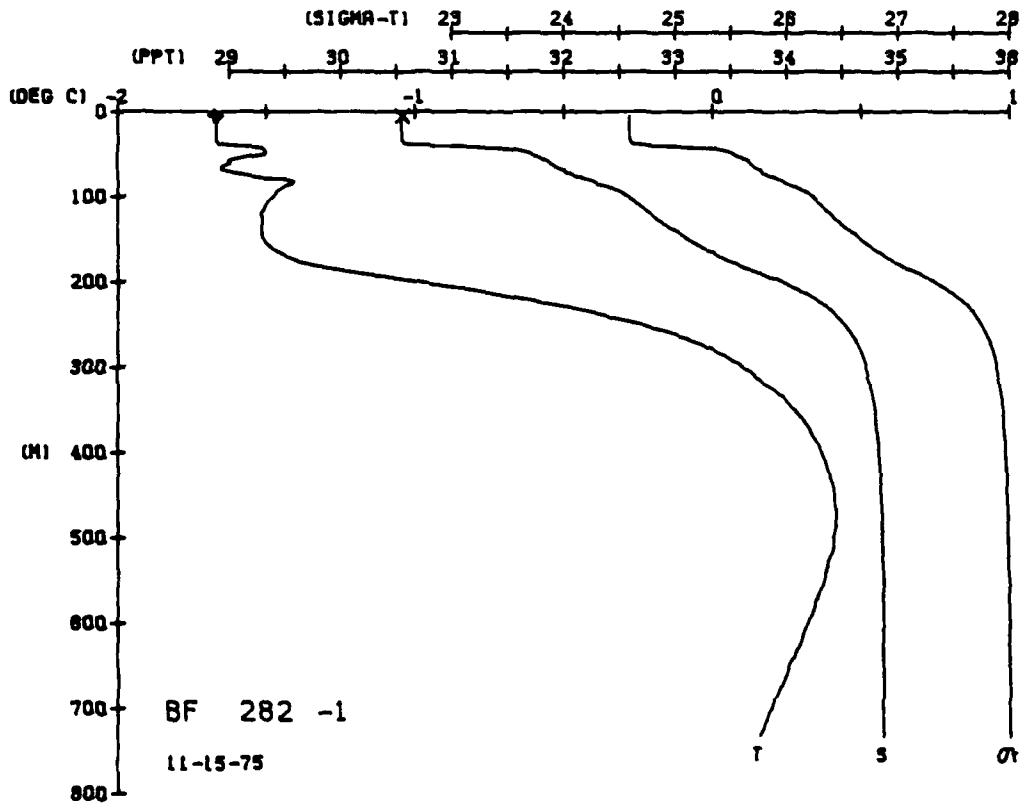
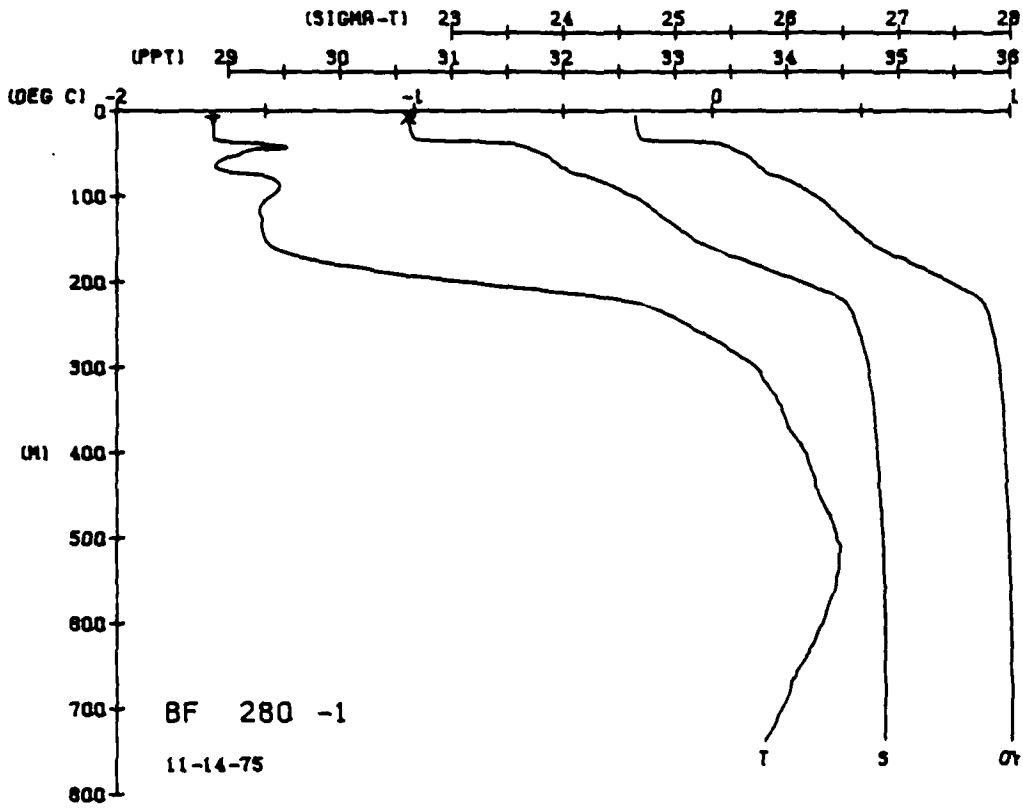
BLUE FOX STATION 276(1) CTD 13/NOV/1975 1800 GMT CODE = 2
LAT = 72.9615N LNG = 136.4108W LTER = 0. LGER = 0.
AIR TEMP = 1004.7 WIND = 0. LGER = 0.
BARUM = 1004.7

DEPTH	TEMP	PTEMP	SALIN	SIG T	SPVOL	DYHMT	SOUND
0.0	67.7	67.7	30.0	4.4	0.0	0.0	4.4
0.5	67.7	67.7	30.0	4.4	0.0	0.0	4.4
1.0	67.7	67.7	30.0	4.4	0.0	0.0	4.4
1.5	67.7	67.7	30.0	4.4	0.0	0.0	4.4
2.0	67.7	67.7	30.0	4.4	0.0	0.0	4.4
2.5	67.7	67.7	30.0	4.4	0.0	0.0	4.4
3.0	67.7	67.7	30.0	4.4	0.0	0.0	4.4
3.5	67.7	67.7	30.0	4.4	0.0	0.0	4.4
4.0	67.7	67.7	30.0	4.4	0.0	0.0	4.4
4.5	67.7	67.7	30.0	4.4	0.0	0.0	4.4
5.0	67.7	67.7	30.0	4.4	0.0	0.0	4.4
5.5	67.7	67.7	30.0	4.4	0.0	0.0	4.4
6.0	67.7	67.7	30.0	4.4	0.0	0.0	4.4
6.5	67.7	67.7	30.0	4.4	0.0	0.0	4.4
7.0	67.7	67.7	30.0	4.4	0.0	0.0	4.4
7.5	67.7	67.7	30.0	4.4	0.0	0.0	4.4
8.0	67.7	67.7	30.0	4.4	0.0	0.0	4.4
8.5	67.7	67.7	30.0	4.4	0.0	0.0	4.4
9.0	67.7	67.7	30.0	4.4	0.0	0.0	4.4
9.5	67.7	67.7	30.0	4.4	0.0	0.0	4.4
10.0	67.7	67.7	30.0	4.4	0.0	0.0	4.4
10.5	67.7	67.7	30.0	4.4	0.0	0.0	4.4
11.0	67.7	67.7	30.0	4.4	0.0	0.0	4.4
11.5	67.7	67.7	30.0	4.4	0.0	0.0	4.4
12.0	67.7	67.7	30.0	4.4	0.0	0.0	4.4
12.5	67.7	67.7	30.0	4.4	0.0	0.0	4.4
13.0	67.7	67.7	30.0	4.4	0.0	0.0	4.4
13.5	67.7	67.7	30.0	4.4	0.0	0.0	4.4
14.0	67.7	67.7	30.0	4.4	0.0	0.0	4.4
14.5	67.7	67.7	30.0	4.4	0.0	0.0	4.4
15.0	67.7	67.7	30.0	4.4	0.0	0.0	4.4
15.5	67.7	67.7	30.0	4.4	0.0	0.0	4.4
16.0	67.7	67.7	30.0	4.4	0.0	0.0	4.4
16.5	67.7	67.7	30.0	4.4	0.0	0.0	4.4
17.0	67.7	67.7	30.0	4.4	0.0	0.0	4.4
17.5	67.7	67.7	30.0	4.4	0.0	0.0	4.4
18.0	67.7	67.7	30.0	4.4	0.0	0.0	4.4
18.5	67.7	67.7	30.0	4.4	0.0	0.0	4.4
19.0	67.7	67.7	30.0	4.4	0.0	0.0	4.4
19.5	67.7	67.7	30.0	4.4	0.0	0.0	4.4
20.0	67.7	67.7	30.0	4.4	0.0	0.0	4.4
20.5	67.7	67.7	30.0	4.4	0.0	0.0	4.4
21.0	67.7	67.7	30.0	4.4	0.0	0.0	4.4
21.5	67.7	67.7	30.0	4.4	0.0	0.0	4.4
22.0	67.7	67.7	30.0	4.4	0.0	0.0	4.4
22.5	67.7	67.7	30.0	4.4	0.0	0.0	4.4
23.0	67.7	67.7	30.0	4.4	0.0	0.0	4.4
23.5	67.7	67.7	30.0	4.4	0.0	0.0	4.4
24.0	67.7	67.7	30.0	4.4	0.0	0.0	4.4
24.5	67.7	67.7	30.0	4.4	0.0	0.0	4.4
25.0	67.7	67.7	30.0	4.4	0.0	0.0	4.4
25.5	67.7	67.7	30.0	4.4	0.0	0.0	4.4
26.0	67.7	67.7	30.0	4.4	0.0	0.0	4.4
26.5	67.7	67.7	30.0	4.4	0.0	0.0	4.4
27.0	67.7	67.7	30.0	4.4	0.0	0.0	4.4
27.5	67.7	67.7	30.0	4.4	0.0	0.0	4.4
28.0	67.7	67.7	30.0	4.4	0.0	0.0	4.4
28.5	67.7	67.7	30.0	4.4	0.0	0.0	4.4
29.0	67.7	67.7	30.0	4.4	0.0	0.0	4.4
29.5	67.7	67.7	30.0	4.4	0.0	0.0	4.4
30.0	67.7	67.7	30.0	4.4	0.0	0.0	4.4

DEPTH 6.3 HUT NUM = 1 TEMP. -1.68 SALIN 30.67

DEPTH 5.4 HUT NUM = 1 TEMP. -1.67 SALIN 30.6R





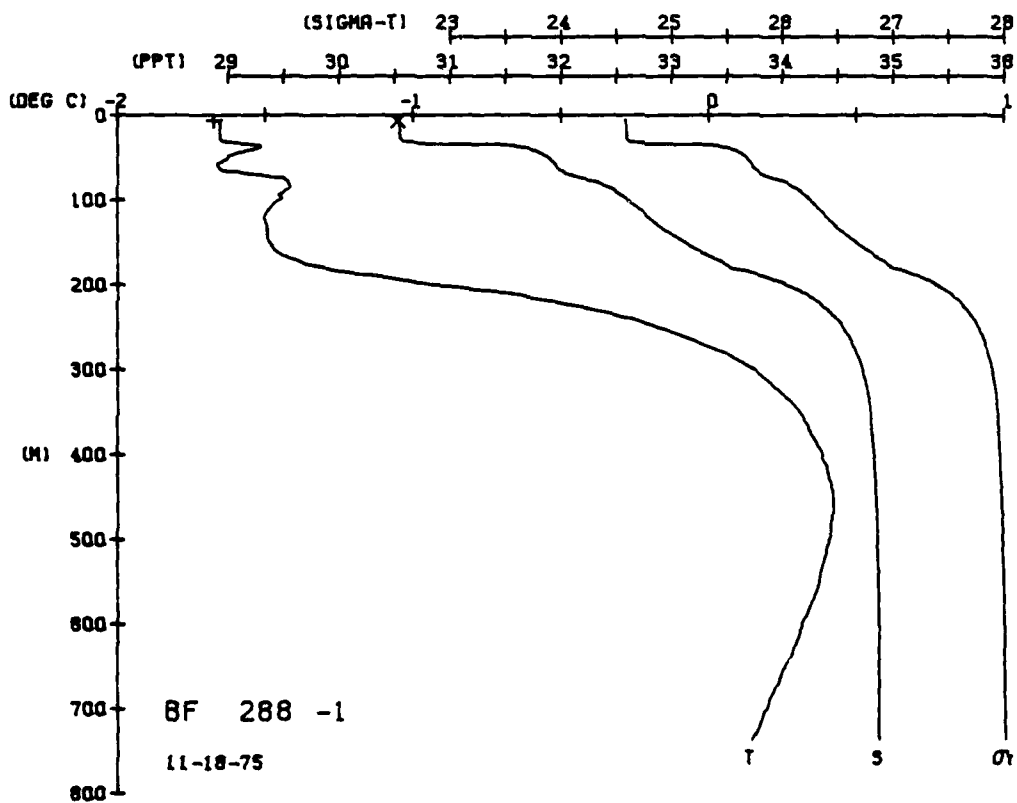
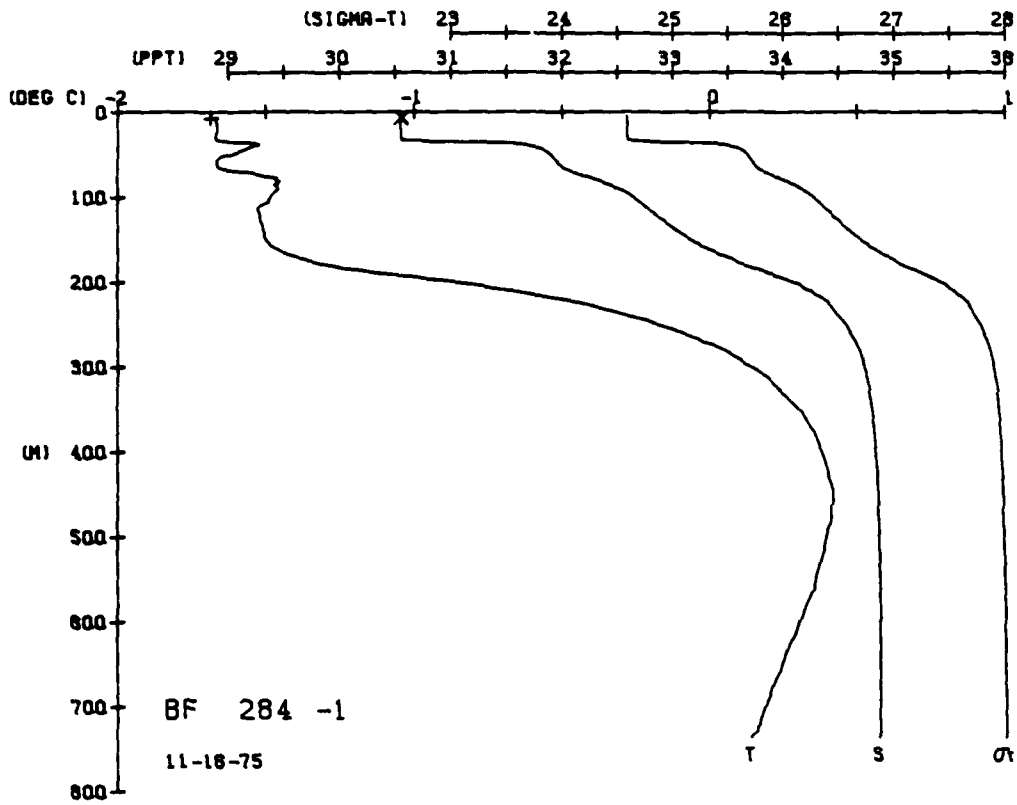
BLUE FOX STATION 264(1) CTD 16/NOV/1975 1807 GMT CODE = 2
LAT = 72.7958N LNG = 136.1070W LTR = 1. LGER = 2.
AIR TEMP = 72.7958N BARUM = 1018.3 WIND = 1. LGER = 2.
SPEED = 1. LGER = 2.

BLUE FOX STATION 288(1) CTD 18/NOV/1975 1802 GMT CODE = 2
LAT = 72.7930N LNG = 136.7741W LTR = 0. LGER = 0.4
AIR TEMP = 72.7930N BARUM = 1026.8 WIND = 28.7 SPEED = 47.4

DEPTH	TEMP	PTEMP	SALIN	SIG T	SPVUL	DYMH	SOUND	DEPTH	TEMP	PTEMP	SALIN	SIG T	SPVUL	DYMH	SOUND
0	67	67	35	59	6.6	00	1435	0	67	67	35	59	6.6	00	1435
5	67	67	35	59	6.4	01	1435	5	67	67	35	59	6.4	01	1435
10	66	66	35	59	6.2	02	1435	10	66	66	35	59	6.2	02	1435
15	66	66	35	59	6.1	03	1435	15	66	66	35	59	6.1	03	1435
20	66	66	35	59	6.0	04	1435	20	66	66	35	59	6.0	04	1435
25	66	66	35	59	5.9	05	1435	25	66	66	35	59	5.9	05	1435
30	66	66	35	59	5.8	06	1435	30	66	66	35	59	5.8	06	1435
35	66	66	35	59	5.7	07	1435	35	66	66	35	59	5.7	07	1435
40	66	66	35	59	5.6	08	1435	40	66	66	35	59	5.6	08	1435
45	66	66	35	59	5.5	09	1435	45	66	66	35	59	5.5	09	1435
50	66	66	35	59	5.4	10	1435	50	66	66	35	59	5.4	10	1435
55	66	66	35	59	5.3	11	1435	55	66	66	35	59	5.3	11	1435
60	66	66	35	59	5.2	12	1435	60	66	66	35	59	5.2	12	1435
65	66	66	35	59	5.1	13	1435	65	66	66	35	59	5.1	13	1435
70	66	66	35	59	5.0	14	1435	70	66	66	35	59	5.0	14	1435
75	66	66	35	59	4.9	15	1435	75	66	66	35	59	4.9	15	1435
80	66	66	35	59	4.8	16	1435	80	66	66	35	59	4.8	16	1435
85	66	66	35	59	4.7	17	1435	85	66	66	35	59	4.7	17	1435
90	66	66	35	59	4.6	18	1435	90	66	66	35	59	4.6	18	1435
95	66	66	35	59	4.5	19	1435	95	66	66	35	59	4.5	19	1435
100	66	66	35	59	4.4	20	1435	100	66	66	35	59	4.4	20	1435
105	66	66	35	59	4.3	21	1435	105	66	66	35	59	4.3	21	1435
110	66	66	35	59	4.2	22	1435	110	66	66	35	59	4.2	22	1435
115	66	66	35	59	4.1	23	1435	115	66	66	35	59	4.1	23	1435
120	66	66	35	59	4.0	24	1435	120	66	66	35	59	4.0	24	1435
125	66	66	35	59	3.9	25	1435	125	66	66	35	59	3.9	25	1435
130	66	66	35	59	3.8	26	1435	130	66	66	35	59	3.8	26	1435
135	66	66	35	59	3.7	27	1435	135	66	66	35	59	3.7	27	1435
140	66	66	35	59	3.6	28	1435	140	66	66	35	59	3.6	28	1435
145	66	66	35	59	3.5	29	1435	145	66	66	35	59	3.5	29	1435
150	66	66	35	59	3.4	30	1435	150	66	66	35	59	3.4	30	1435
155	66	66	35	59	3.3	31	1435	155	66	66	35	59	3.3	31	1435
160	66	66	35	59	3.2	32	1435	160	66	66	35	59	3.2	32	1435
165	66	66	35	59	3.1	33	1435	165	66	66	35	59	3.1	33	1435
170	66	66	35	59	3.0	34	1435	170	66	66	35	59	3.0	34	1435
175	66	66	35	59	2.9	35	1435	175	66	66	35	59	2.9	35	1435
180	66	66	35	59	2.8	36	1435	180	66	66	35	59	2.8	36	1435
185	66	66	35	59	2.7	37	1435	185	66	66	35	59	2.7	37	1435
190	66	66	35	59	2.6	38	1435	190	66	66	35	59	2.6	38	1435
195	66	66	35	59	2.5	39	1435	195	66	66	35	59	2.5	39	1435
200	66	66	35	59	2.4	40	1435	200	66	66	35	59	2.4	40	1435
205	66	66	35	59	2.3	41	1435	205	66	66	35	59	2.3	41	1435
210	66	66	35	59	2.2	42	1435	210	66	66	35	59	2.2	42	1435
215	66	66	35	59	2.1	43	1435	215	66	66	35	59	2.1	43	1435
220	66	66	35	59	2.0	44	1435	220	66	66	35	59	2.0	44	1435
225	66	66	35	59	1.9	45	1435	225	66	66	35	59	1.9	45	1435
230	66	66	35	59	1.8	46	1435	230	66	66	35	59	1.8	46	1435
235	66	66	35	59	1.7	47	1435	235	66	66	35	59	1.7	47	1435
240	66	66	35	59	1.6	48	1435	240	66	66	35	59	1.6	48	1435
245	66	66	35	59	1.5	49	1435	245	66	66	35	59	1.5	49	1435
250	66	66	35	59	1.4	50	1435	250	66	66	35	59	1.4	50	1435
255	66	66	35	59	1.3	51	1435	255	66	66	35	59	1.3	51	1435
260	66	66	35	59	1.2	52	1435	260	66	66	35	59	1.2	52	1435
265	66	66	35	59	1.1	53	1435	265	66	66	35	59	1.1	53	1435
270	66	66	35	59	1.0	54	1435	270	66	66	35	59	1.0	54	1435
275	66	66	35	59	0.9	55	1435	275	66	66	35	59	0.9	55	1435
280	66	66	35	59	0.8	56	1435	280	66	66	35	59	0.8	56	1435
285	66	66	35	59	0.7	57	1435	285	66	66	35	59	0.7	57	1435
290	66	66	35	59	0.6	58	1435	290	66	66	35	59	0.6	58	1435
295	66	66	35	59	0.5	59	1435	295	66	66	35	59	0.5	59	1435
300	66	66	35	59	0.4	60	1435	300	66	66	35	59	0.4	60	1435

DEPTH 7.0 TEMP -1.69 SALIN 30.56 ROT NUM = 1

DEPTH	TEMP	PTEMP	SALIN	SIG T	SPVUL	DYMH	SOUND	DEPTH	TEMP	PTEMP	SALIN	SIG T	SPVUL	DYMH	SOUND
0	65	65	30	54	36	00	1435	0	65	65	30	54	36	00	1435
5	65	65	30	54	35	00	1435	5	65	65	30	54	35	00	1435
10	65	65	30	54	34	00	1435	10	65	65	30	54	34	00	1435
15	65	65	30	54	33	00	1435	15	65	65	30	54	33	00	1435
20	65	65	30	54	32	00	1435	20	65	65	30	54	32	00	1435
25	65	65	30	54	31	00	1435	25	65	65	30	54	31	00	1435
30	65	65	30	54	30	00	1435	30	65	65	30	54	30	00	1435
35	65	65	30	54	29	00	1435	35	65	65	30	54	29	00	1435
40	65	65	30	54	28	00	1435	40	65	65	30	54	28	00	1435
45	65	65	30	54	27	00	1435	45	65	65	30	54	27	00	1435
50	65	65	30	54	26	00	1435	50	65	65	30	54	26	00	1435
55	65	65	30	54	25	00	1435	55	65	65	30	54	25	00	1435
60	65	65	30	54	24	00	1435	60	65	65	30	54	24	00	1435
65	65	65	30	54	23	00	1435	65	65	65	30	54	23	00	1435
70	65	65	30	54	22	00	1435	70	65	65	30	54	22	00	1435
75	65	65	30	54	21	00	1435	75	65	65	30	54	21	00	1435
80	65	65	30	54	20	00	1435	80	65	65	30	54	20	00	1435
85	65	65	30	54	19	00	1435	85	65	65	30	54	19	00	1435
90	65	65	30	54	18	00	1435	90	65	65	30	54	18	00	1435
95	65	65	30	54	17	00	1435	95	65	65	30	54	17	00	1435
100	65	65	30	54	16	00	1435	100	65	65	30	54	16	00	1435
105	65	65	30	54	15	00	1435	105	65	65	30	54	15	00	1435
110	65	65	30	54	14	00	1435	110	65	65	30	54	14	00	1435
115	65	65	30	54	13	00	1435	115	65	65	30	54	13	00	1435
120	65	65	30	54	12	00	1435	120	65	65	30	54	12	00	1435
125	65	65	30	54	11	00	1435	125	65	65	30	54	11	00	1435
130	65	65	30	54	10	00	1435	130	65	65	30	54	10	00	1435
135	65	65	30	54	9	00	1435	135	65	65	30	54	9	00	1435
140	65	65	30	54	8	00	1435	140	65	65	30	54	8	00	1435
145	65	65	30	54	7	00	1435	145	65	65	30	54	7	00	1435
150	65	65	30	54	6	00	1435	150	65	65	30	54	6	00	1435
155	65	65	30	54	5	00	1435	155	65	65	30	54	5	00	1435
160	65	65	30	54	4	00	1435	160	65	65	30	54	4	00	1435
165	65	65	30	54	3	00	1435	165	65	65	30	54	3	00	1435
170	65	65	30	54	2	00	1435	170	65	65	30	54	2	00	1435</



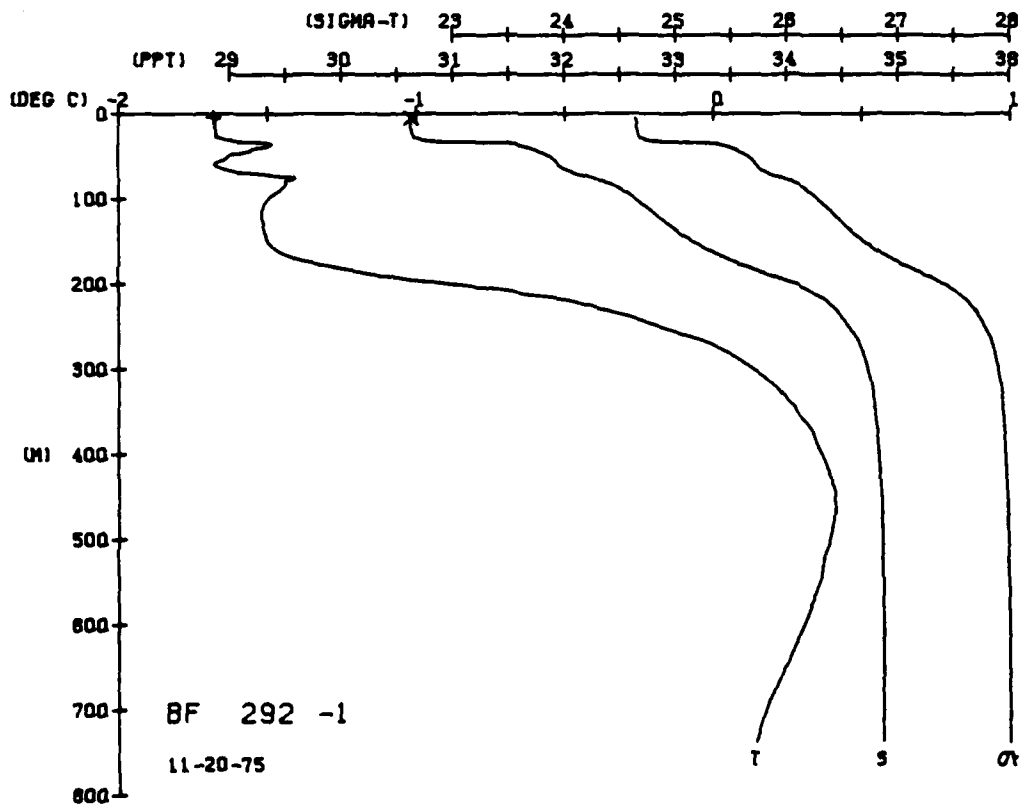
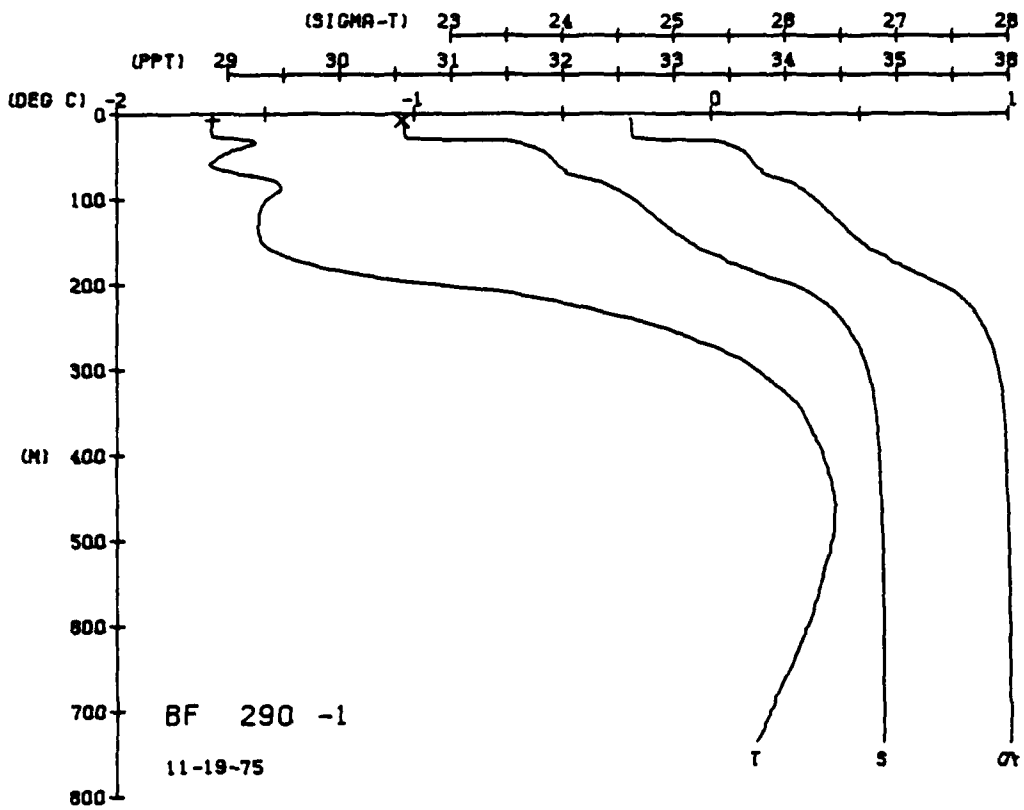
BLUE FOX STATION 290(1) CTD 19/NOV/1975 1802 GMT CODE = 2
LAT = 72.7929N LNG = 136.2776W LTER = 0 LGER = 0.4
AIR TEMP = -24.8 BARUM = 1044.0 WIND = 28.7 SPEED = 47.4

DEPTH	TEMP	PTEMP	SALIN	SIG T	SPVUL	DYNHI	SOUND
0	68	68	56	0	7	0	22
5	68	68	56	0	7	0	35
10	68	68	57	0	7	0	35
15	68	68	57	0	7	0	35
20	68	68	58	0	7	0	35
25	68	68	58	0	7	0	35
30	68	68	58	0	7	0	35
35	68	68	58	0	7	0	35
40	68	68	58	0	7	0	35
45	68	68	58	0	7	0	35
50	68	68	58	0	7	0	35
55	68	68	58	0	7	0	35
60	68	68	58	0	7	0	35
65	68	68	58	0	7	0	35
70	68	68	58	0	7	0	35
75	68	68	58	0	7	0	35
80	68	68	58	0	7	0	35
85	68	68	58	0	7	0	35
90	68	68	58	0	7	0	35
95	68	68	58	0	7	0	35
100	68	68	58	0	7	0	35
105	68	68	58	0	7	0	35
110	68	68	58	0	7	0	35
115	68	68	58	0	7	0	35
120	68	68	58	0	7	0	35
125	68	68	58	0	7	0	35
130	68	68	58	0	7	0	35
135	68	68	58	0	7	0	35
140	68	68	58	0	7	0	35
145	68	68	58	0	7	0	35
150	68	68	58	0	7	0	35
155	68	68	58	0	7	0	35
160	68	68	58	0	7	0	35
165	68	68	58	0	7	0	35
170	68	68	58	0	7	0	35
175	68	68	58	0	7	0	35
180	68	68	58	0	7	0	35
185	68	68	58	0	7	0	35
190	68	68	58	0	7	0	35
195	68	68	58	0	7	0	35
200	68	68	58	0	7	0	35
205	68	68	58	0	7	0	35
210	68	68	58	0	7	0	35
215	68	68	58	0	7	0	35
220	68	68	58	0	7	0	35
225	68	68	58	0	7	0	35
230	68	68	58	0	7	0	35
235	68	68	58	0	7	0	35
240	68	68	58	0	7	0	35
245	68	68	58	0	7	0	35
250	68	68	58	0	7	0	35
255	68	68	58	0	7	0	35
260	68	68	58	0	7	0	35
265	68	68	58	0	7	0	35
270	68	68	58	0	7	0	35
275	68	68	58	0	7	0	35
280	68	68	58	0	7	0	35
285	68	68	58	0	7	0	35
290	68	68	58	0	7	0	35
295	68	68	58	0	7	0	35
300	68	68	58	0	7	0	35
305	68	68	58	0	7	0	35
310	68	68	58	0	7	0	35
315	68	68	58	0	7	0	35
320	68	68	58	0	7	0	35
325	68	68	58	0	7	0	35
330	68	68	58	0	7	0	35
335	68	68	58	0	7	0	35
340	68	68	58	0	7	0	35
345	68	68	58	0	7	0	35
350	68	68	58	0	7	0	35
355	68	68	58	0	7	0	35
360	68	68	58	0	7	0	35
365	68	68	58	0	7	0	35
370	68	68	58	0	7	0	35
375	68	68	58	0	7	0	35
380	68	68	58	0	7	0	35
385	68	68	58	0	7	0	35
390	68	68	58	0	7	0	35
395	68	68	58	0	7	0	35
400	68	68	58	0	7	0	35
405	68	68	58	0	7	0	35
410	68	68	58	0	7	0	35
415	68	68	58	0	7	0	35
420	68	68	58	0	7	0	35
425	68	68	58	0	7	0	35
430	68	68	58	0	7	0	35
435	68	68	58	0	7	0	35
440	68	68	58	0	7	0	35
445	68	68	58	0	7	0	35
450	68	68	58	0	7	0	35
455	68	68	58	0	7	0	35
460	68	68	58	0	7	0	35
465	68	68	58	0	7	0	35
470	68	68	58	0	7	0	35
475	68	68	58	0	7	0	35
480	68	68	58	0	7	0	35
485	68	68	58	0	7	0	35
490	68	68	58	0	7	0	35
495	68	68	58	0	7	0	35
500	68	68	58	0	7	0	35
505	68	68	58	0	7	0	35
510	68	68	58	0	7	0	35
515	68	68	58	0	7	0	35
520	68	68	58	0	7	0	35
525	68	68	58	0	7	0	35
530	68	68	58	0	7	0	35
535	68	68	58	0	7	0	35
540	68	68	58	0	7	0	35
545	68	68	58	0	7	0	35
550	68	68	58	0	7	0	35
555	68	68	58	0	7	0	35
560	68	68	58	0	7	0	35
565	68	68	58	0	7	0	35
570	68	68	58	0	7	0	35
575	68	68	58	0	7	0	35
580	68	68	58	0	7	0	35
585	68	68	58	0	7	0	35
590	68	68	58	0	7	0	35
595	68	68	58	0	7	0	35
600	68	68	58	0	7	0	35
605	68	68	58	0	7	0	35
610	68	68	58	0	7	0	35
615	68	68	58	0	7	0	35
620	68	68	58	0	7	0	35
625	68	68	58	0	7	0	35
630	68	68	58	0	7	0	35
635	68	68	58	0	7	0	35
640	68	68	58	0	7	0	35
645	68	68	58	0	7	0	35
650	68	68	58	0	7	0	35
655	68	68	58	0	7	0	35
660	68	68	58	0	7	0	35
665	68	68	58	0	7	0	35
670	68	68	58	0	7	0	35
675	68	68	58	0	7	0	35
680	68	68	58	0	7	0	35
685	68	68	58	0	7	0	35
690	68	68	58	0	7	0	35
695	68	68	58	0	7	0	35
700	68	68	58	0	7	0	35
705	68	68	58	0	7	0	35
710	68	68	58	0	7	0	35
715	68	68	58	0	7	0	35
720	68	68	58	0	7	0	35
725	68	68	58	0	7	0	35
730	68	68	58	0	7	0	35
735	68	68	58	0	7	0	35
740	68	68	58	0	7	0	35
745	68	68	58	0	7	0	35
750	68	68	58	0	7	0	35
755	68	68	58	0	7	0	35
760	68	68	58	0	7	0	35
765	68	68	58	0	7	0	35
770	68	68	58	0	7	0	35
775	68	68	58	0	7	0	35
780	68	68	58	0	7	0	35
785	68	68	58	0	7	0	35
790	68	68	58	0	7	0	35
795	68	68	58	0	7	0	35
800	68	68	58	0	7	0	35
805	68	68	58	0	7	0	35
810	68	68	58	0	7	0	35
815	68	68	58	0	7	0	35
820	68	68	58	0	7	0	35
825	68	68	58	0	7	0	35
830	68	68	58	0	7	0	35
835	68	68	58	0	7	0	35
840	68	68	58	0	7	0	35
845	68	68	58	0	7	0	35
850	68	68	58	0	7	0	35
855	68	68	58	0	7	0	35
860	68	68	58	0	7	0	35
865	68	68	58	0	7	0	35
870	68	68	58	0	7	0	35
875	68	68	58	0	7	0	35
880	68	68	58	0	7	0	35
885	68	68	58	0	7	0	35
890	68	68	58	0	7	0	35
895	68	68	58	0	7	0	35
900	68	68	58	0	7	0	35
905	68	68	58	0	7	0	35
910	68	68	58	0	7	0	35
915	68	68	58	0	7	0	35
920	68	68	58	0	7	0	35
925	68	68	58	0	7	0	35
930	68	68	58	0	7	0	35
935	68	68	58	0	7	0	35
940	68	68	58	0	7	0	35
945	68	68	58	0	7	0	35
950	68	68	58	0	7	0	35
955	68	68	58	0	7	0	35
960	68	68	58	0	7	0	35
965	68	68	58	0	7	0	35
970	68	68	58	0	7	0	35
975	68	68	58	0	7	0	35
980	68	68	58	0	7	0	35
985	68	68	58	0	7	0	35
990	68	68	58	0	7	0	35
995	68	68	58	0	7	0	35
1000	68	68	58	0	7	0	35

DEPTH 7.0 BUT NUM = 1 TEMP -1.68 SALIN 30.56

BLUE FOX STATION 292(1) CTD 20/NOV/1975 1820 GMT CODE = 2
LAT = 72.8148N LNG = 136.3193W LTER = 1 LGER = 1.1
AIR TEMP = -32.4 BARUM = 1049.3 WIND = 96.6 SPEED = 61.7

DEPTH	TEMP	PTEMP	SALIN	SIG T	SPVUL	DYNHT	SOUND
0	66	66	61	0	9	0	135
5	66	66	61	0	9	0	135
10	66	66	62	0	9	0	135
15	66	66	62	0	9</		



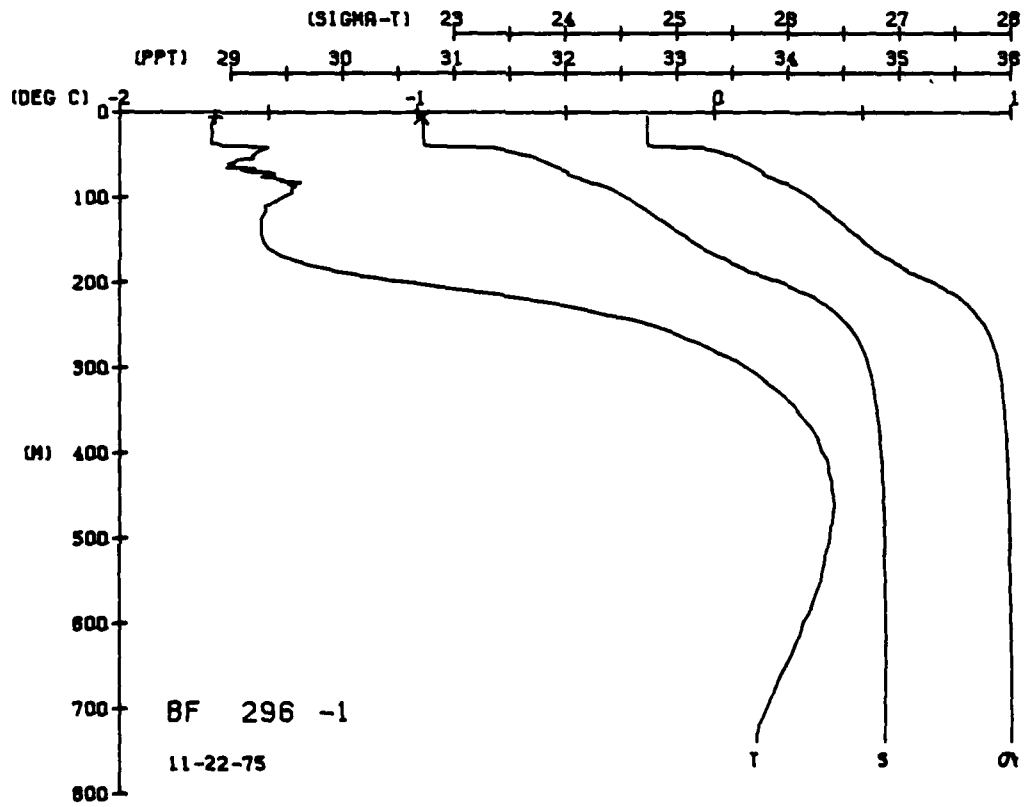
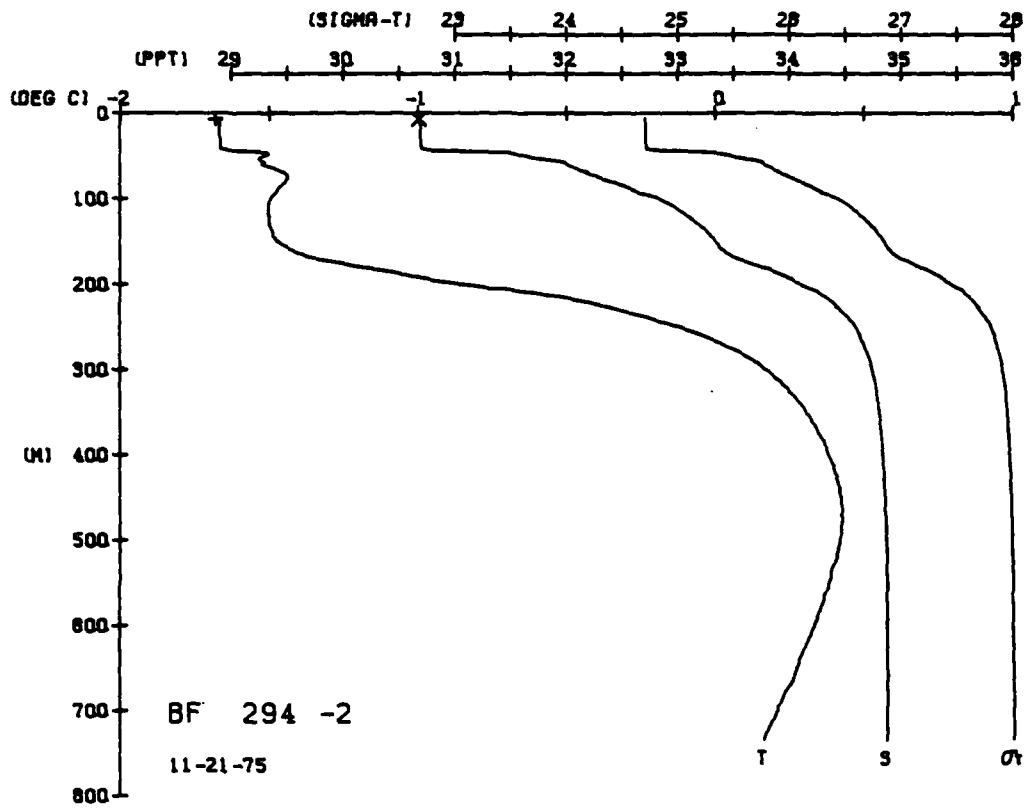
BLUE FOX STATION 294(2) CTD 21/NOV/1975 1804 GMT CODE = 2
LAT = 72.8967N LMG = 136.3945W LTER = 0 UGER = 0
AIR TEMP = -32.4 BARUM = 1043.8 WIND = 96.6 SPEED = 61.7

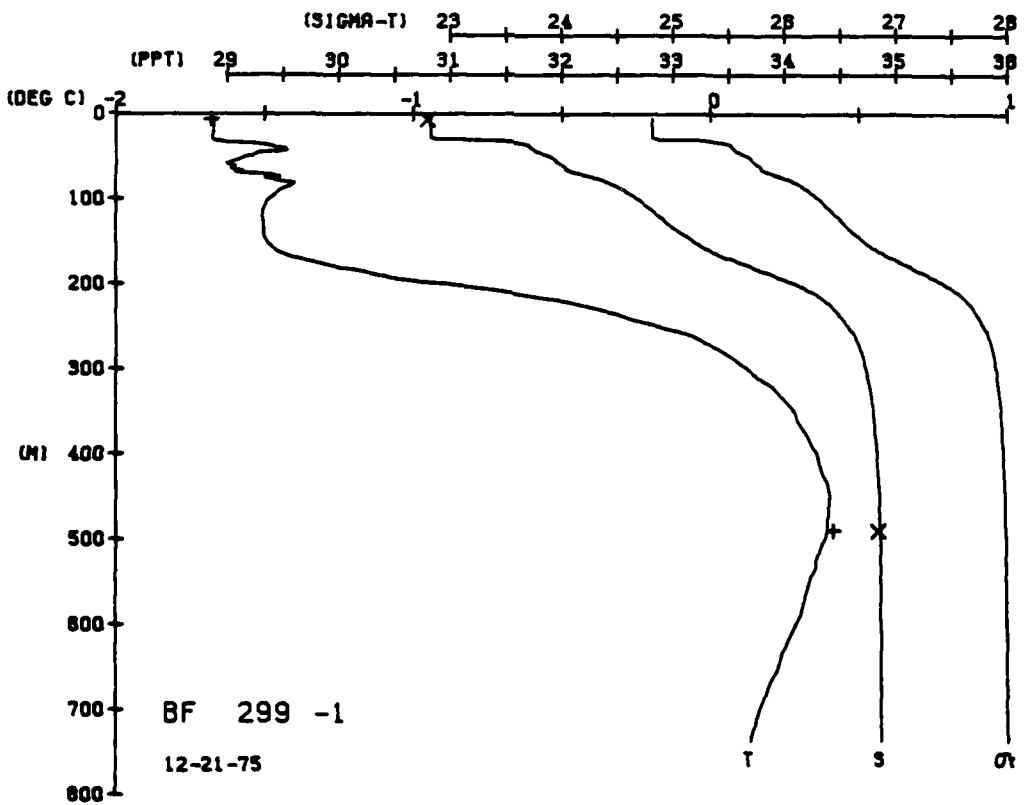
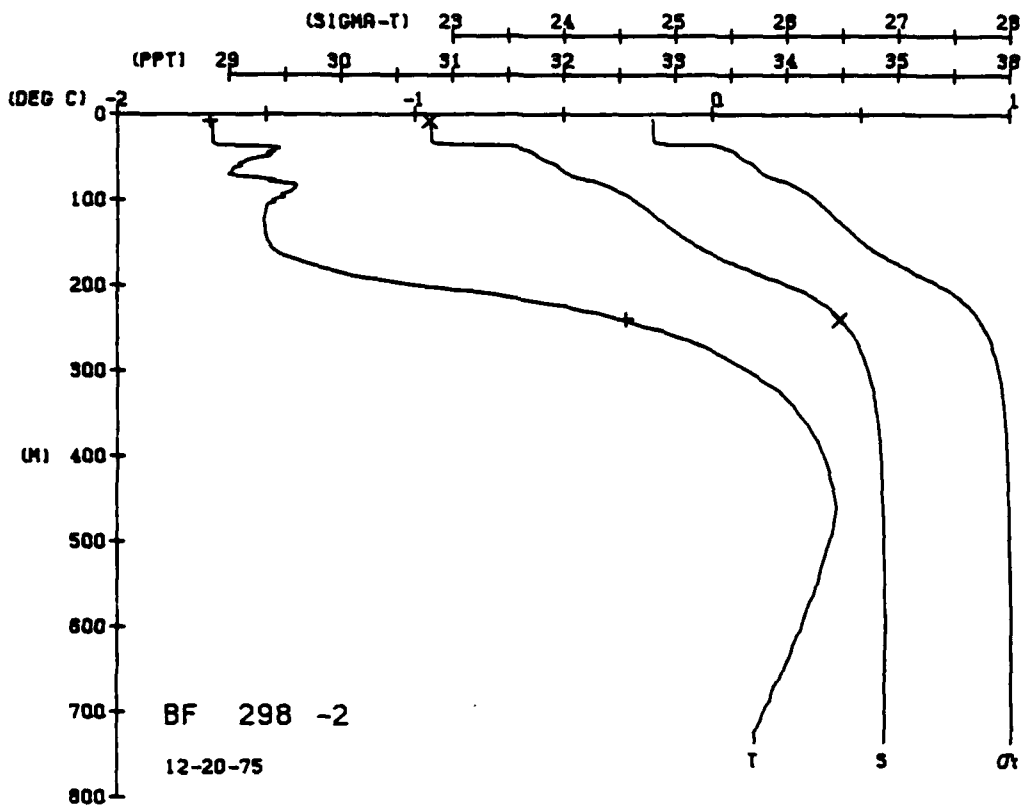
DEPTH	TEMP	PTEMP	SALIN	SIG T	SPVUL	DYNHT	SOUND
0	0	0	0	0	0	0	0
5	0	0	0	0	0	0	0
10	0	0	0	0	0	0	0
15	0	0	0	0	0	0	0
20	0	0	0	0	0	0	0
25	0	0	0	0	0	0	0
30	0	0	0	0	0	0	0
35	0	0	0	0	0	0	0
40	0	0	0	0	0	0	0
45	0	0	0	0	0	0	0
50	0	0	0	0	0	0	0
55	0	0	0	0	0	0	0
60	0	0	0	0	0	0	0
65	0	0	0	0	0	0	0
70	0	0	0	0	0	0	0
75	0	0	0	0	0	0	0
80	0	0	0	0	0	0	0
85	0	0	0	0	0	0	0
90	0	0	0	0	0	0	0
95	0	0	0	0	0	0	0
100	0	0	0	0	0	0	0
105	0	0	0	0	0	0	0
110	0	0	0	0	0	0	0
115	0	0	0	0	0	0	0
120	0	0	0	0	0	0	0
125	0	0	0	0	0	0	0
130	0	0	0	0	0	0	0
135	0	0	0	0	0	0	0
140	0	0	0	0	0	0	0
145	0	0	0	0	0	0	0
150	0	0	0	0	0	0	0
155	0	0	0	0	0	0	0
160	0	0	0	0	0	0	0
165	0	0	0	0	0	0	0
170	0	0	0	0	0	0	0
175	0	0	0	0	0	0	0
180	0	0	0	0	0	0	0
185	0	0	0	0	0	0	0
190	0	0	0	0	0	0	0
195	0	0	0	0	0	0	0
200	0	0	0	0	0	0	0
205	0	0	0	0	0	0	0
210	0	0	0	0	0	0	0
215	0	0	0	0	0	0	0
220	0	0	0	0	0	0	0
225	0	0	0	0	0	0	0
230	0	0	0	0	0	0	0
235	0	0	0	0	0	0	0
240	0	0	0	0	0	0	0
245	0	0	0	0	0	0	0
250	0	0	0	0	0	0	0
255	0	0	0	0	0	0	0
260	0	0	0	0	0	0	0
265	0	0	0	0	0	0	0
270	0	0	0	0	0	0	0
275	0	0	0	0	0	0	0
280	0	0	0	0	0	0	0
285	0	0	0	0	0	0	0
290	0	0	0	0	0	0	0
295	0	0	0	0	0	0	0
300	0	0	0	0	0	0	0
305	0	0	0	0	0	0	0
310	0	0	0	0	0	0	0
315	0	0	0	0	0	0	0
320	0	0	0	0	0	0	0
325	0	0	0	0	0	0	0
330	0	0	0	0	0	0	0
335	0	0	0	0	0	0	0
340	0	0	0	0	0	0	0
345	0	0	0	0	0	0	0
350	0	0	0	0	0	0	0
355	0	0	0	0	0	0	0
360	0	0	0	0	0	0	0
365	0	0	0	0	0	0	0
370	0	0	0	0	0	0	0
375	0	0	0	0	0	0	0
380	0	0	0	0	0	0	0
385	0	0	0	0	0	0	0
390	0	0	0	0	0	0	0
395	0	0	0	0	0	0	0
400	0	0	0	0	0	0	0
405	0	0	0	0	0	0	0
410	0	0	0	0	0	0	0
415	0	0	0	0	0	0	0
420	0	0	0	0	0	0	0
425	0	0	0	0	0	0	0
430	0	0	0	0	0	0	0
435	0	0	0	0	0	0	0
440	0	0	0	0	0	0	0
445	0	0	0	0	0	0	0
450	0	0	0	0	0	0	0
455	0	0	0	0	0	0	0
460	0	0	0	0	0	0	0
465	0	0	0	0	0	0	0
470	0	0	0	0	0	0	0
475	0	0	0	0	0	0	0
480	0	0	0	0	0	0	0
485	0	0	0	0	0	0	0
490	0	0	0	0	0	0	0
495	0	0	0	0	0	0	0
500	0	0	0	0	0	0	0
505	0	0	0	0	0	0	0
510	0	0	0	0	0	0	0
515	0	0	0	0	0	0	0
520	0	0	0	0	0	0	0
525	0	0	0	0	0	0	0
530	0	0	0	0	0	0	0
535	0	0	0	0	0	0	0
540	0	0	0	0	0	0	0
545	0	0	0	0	0	0	0
550	0	0	0	0	0	0	0
555	0	0	0	0	0	0	0
560	0	0	0	0	0	0	0
565	0	0	0	0	0	0	0
570	0	0	0	0	0	0	0
575	0	0	0	0	0	0	0
580	0	0	0	0	0	0	0
585	0	0	0	0	0	0	0
590	0	0	0	0	0	0	0
595	0	0	0	0	0	0	0
600	0	0	0	0	0	0	0
605	0	0	0	0	0	0	0
610	0	0	0	0	0	0	0
615	0	0	0	0	0	0	0
620	0	0	0	0	0	0	0
625	0	0	0	0	0	0	0
630	0	0	0	0	0	0	0
635	0	0	0	0	0	0	0
640	0	0	0	0	0	0	0
645	0	0	0	0	0	0	0
650	0	0	0	0	0	0	0
655	0	0	0	0	0	0	0
660	0	0	0	0	0	0	0
665	0	0	0	0	0	0	0
670	0	0	0	0	0	0	0
675	0	0	0	0	0	0	0
680	0	0	0	0	0	0	0
685	0	0	0	0	0	0	0
690	0	0	0	0	0	0	0
695	0	0	0	0	0	0	0
700	0	0	0	0	0	0	0
705	0	0	0	0	0	0	0
710	0	0	0	0	0	0	0
715	0	0	0	0	0	0	0
720	0	0	0	0	0	0	0
725	0	0	0	0	0	0	0
730	0	0	0	0	0	0	0
735	0	0	0	0	0	0	0
740	0	0	0	0	0	0	0
745	0	0	0	0	0	0	0
750	0	0	0	0	0	0	0
755	0	0	0	0	0	0	0
760	0	0	0	0	0	0	0
765	0	0	0	0	0	0	0
770	0	0	0	0	0	0	0
775	0	0	0	0	0	0	0
780	0	0	0	0	0	0	0
785	0	0	0	0	0	0	0
790	0	0	0	0	0	0	0
795	0	0	0	0	0	0	0
800	0	0	0	0	0	0	0
805	0	0	0	0	0	0	0
810	0	0	0	0	0	0	0
815	0	0	0	0	0	0	0
820	0	0	0	0	0	0	0
825	0	0	0	0	0	0	0
830	0	0	0	0	0	0	0
835	0	0	0	0	0	0	0
840	0	0	0	0	0	0	0
845	0	0	0	0	0	0	0
850	0	0	0	0	0	0	0
855	0	0	0	0	0	0	0
860	0	0	0	0	0	0	0
865	0	0	0	0	0	0	0
870	0	0	0	0	0	0	0
875	0	0	0	0	0	0	0
880	0	0	0	0	0	0	0
885	0	0	0	0	0	0	0
890	0	0	0	0	0	0	0
895	0	0	0	0	0	0	0
900	0	0	0	0	0	0	0
905	0	0	0	0	0	0	0
910	0	0	0	0	0	0	0
915	0	0	0	0	0	0	0
920	0	0	0	0	0	0	0
925	0	0	0	0	0	0	0
930	0	0	0	0	0	0	0
935	0	0	0	0	0	0	0
940	0	0	0	0	0	0	0
945	0	0	0	0	0	0	0
950	0	0	0	0	0	0	0
955	0	0	0	0	0	0	0
960	0	0	0	0	0	0	0
965	0	0	0	0	0	0	0
970	0	0	0	0	0	0	0
975	0	0	0	0	0	0	0
980	0	0	0	0	0	0	0
985	0	0	0	0	0	0	0
990	0	0	0	0	0	0	0
995	0	0	0	0	0	0	0
1000	0	0	0	0	0	0	0

DEPTH 5.7 TEMP. -1.6R SALIN 30.67 BOT NUM = 1

BLUE FOX STATION 296(1) CTD 22/NOV/1975 1806 GMT CODE = 2
LAT = 73.0224N LMG = 136.4949W LTER = 0 UGER = 0
AIR TEMP = -23.9 BARUM = 1025.8 WIND = 144.3 SPEED = 88.8

DEPTH	TEMP	PTEMP	SALIN	SIG T	SPVUL	DYNHT	SOUND
0	0	0	0	0	0	0	0
5	0	0	0	0	0	0	0
10	0	0	0	0	0	0	0
15	0	0	0	0	0	0	0
20	0	0	0	0	0	0	0
25	0	0	0	0	0	0	0
30	0	0	0	0	0	0	0
35	0	0	0	0	0	0	0
40	0	0	0	0	0	0	0
45	0	0	0	0	0	0	0
50	0	0	0	0	0	0	0
55	0	0	0	0	0	0	0
60	0	0	0	0	0	0	0
65	0	0	0	0	0	0	0
70	0	0	0	0	0	0	0
75	0	0	0	0	0	0	0
80	0	0	0	0	0	0	0
85	0	0	0	0	0	0	0
90	0	0	0	0	0	0	0
95	0</						





MADE FOX STATION 300(1) CTU 22/DEC/1975 1800 GMT CODE = 2
LAT = 72.9533N LNC = 137.0168W UZER = 0 UGER = 0
AIR TEMP = -33.6 BAROM = 1016.5 WIND = 228.1 SPEED = 22.3

DEPTH	TEMP	PTEMP	SALIN	SIG T	SPVOL	DYHHT	SOUND
0	66	66	30.82	24.81	5.5	0.00	1435.6
5	66	66	30.88	24.81	4.4	0.00	1435.7
10	66	66	30.90	24.81	3.3	0.00	1435.7
15	66	66	30.90	24.81	2.2	0.00	1435.5
20	66	66	30.90	24.81	1.1	0.00	1435.5
25	66	66	30.90	24.81	0.0	0.00	1435.5
30	66	66	30.90	24.81	0.0	0.00	1435.5
35	66	66	30.90	24.81	0.0	0.00	1435.5
40	66	66	30.90	24.81	0.0	0.00	1435.5
45	66	66	30.90	24.81	0.0	0.00	1435.5
50	66	66	30.90	24.81	0.0	0.00	1435.5
55	66	66	30.90	24.81	0.0	0.00	1435.5
60	66	66	30.90	24.81	0.0	0.00	1435.5
65	66	66	30.90	24.81	0.0	0.00	1435.5
70	66	66	30.90	24.81	0.0	0.00	1435.5
75	66	66	30.90	24.81	0.0	0.00	1435.5
80	66	66	30.90	24.81	0.0	0.00	1435.5
85	66	66	30.90	24.81	0.0	0.00	1435.5
90	66	66	30.90	24.81	0.0	0.00	1435.5
95	66	66	30.90	24.81	0.0	0.00	1435.5
100	66	66	30.90	24.81	0.0	0.00	1435.5
105	66	66	30.90	24.81	0.0	0.00	1435.5
110	66	66	30.90	24.81	0.0	0.00	1435.5
115	66	66	30.90	24.81	0.0	0.00	1435.5
120	66	66	30.90	24.81	0.0	0.00	1435.5
125	66	66	30.90	24.81	0.0	0.00	1435.5
130	66	66	30.90	24.81	0.0	0.00	1435.5
135	66	66	30.90	24.81	0.0	0.00	1435.5
140	66	66	30.90	24.81	0.0	0.00	1435.5
145	66	66	30.90	24.81	0.0	0.00	1435.5
150	66	66	30.90	24.81	0.0	0.00	1435.5
155	66	66	30.90	24.81	0.0	0.00	1435.5
160	66	66	30.90	24.81	0.0	0.00	1435.5
165	66	66	30.90	24.81	0.0	0.00	1435.5
170	66	66	30.90	24.81	0.0	0.00	1435.5
175	66	66	30.90	24.81	0.0	0.00	1435.5
180	66	66	30.90	24.81	0.0	0.00	1435.5
185	66	66	30.90	24.81	0.0	0.00	1435.5
190	66	66	30.90	24.81	0.0	0.00	1435.5
195	66	66	30.90	24.81	0.0	0.00	1435.5
200	66	66	30.90	24.81	0.0	0.00	1435.5
205	66	66	30.90	24.81	0.0	0.00	1435.5
210	66	66	30.90	24.81	0.0	0.00	1435.5
215	66	66	30.90	24.81	0.0	0.00	1435.5
220	66	66	30.90	24.81	0.0	0.00	1435.5
225	66	66	30.90	24.81	0.0	0.00	1435.5
230	66	66	30.90	24.81	0.0	0.00	1435.5
235	66	66	30.90	24.81	0.0	0.00	1435.5
240	66	66	30.90	24.81	0.0	0.00	1435.5
245	66	66	30.90	24.81	0.0	0.00	1435.5
250	66	66	30.90	24.81	0.0	0.00	1435.5
255	66	66	30.90	24.81	0.0	0.00	1435.5
260	66	66	30.90	24.81	0.0	0.00	1435.5
265	66	66	30.90	24.81	0.0	0.00	1435.5
270	66	66	30.90	24.81	0.0	0.00	1435.5
275	66	66	30.90	24.81	0.0	0.00	1435.5
280	66	66	30.90	24.81	0.0	0.00	1435.5
285	66	66	30.90	24.81	0.0	0.00	1435.5
290	66	66	30.90	24.81	0.0	0.00	1435.5
295	66	66	30.90	24.81	0.0	0.00	1435.5
300	66	66	30.90	24.81	0.0	0.00	1435.5

DEPTH 0 5 10 15 20 25 30 35 40 45 50 55 60 65 70 75 80 85 90 95 100 105 110 115 120 125 130 135 140 145 150 155 160 165 170 175 180 185 190 195 200 205 210 215 220 225 230 235 240 245 250 255 260 265 270 275 280 285 290 295 300

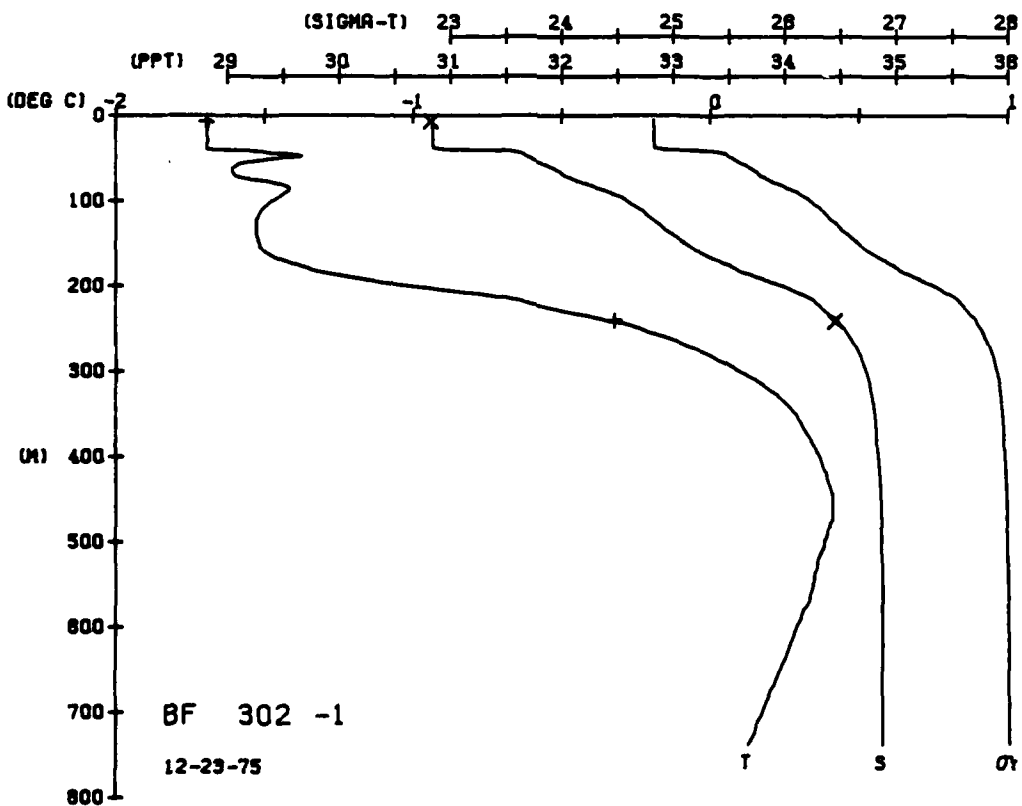
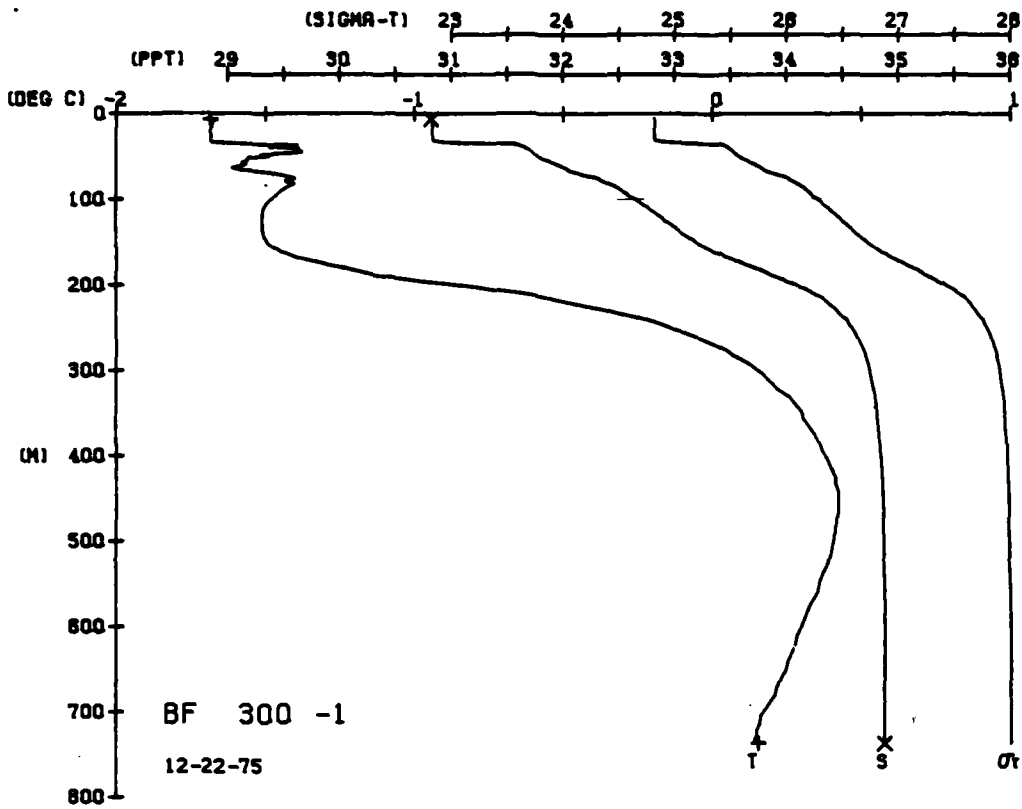
TEMP. -1.99
SALIN 30.81
RUT NUM = 1
RUT NUM = 2

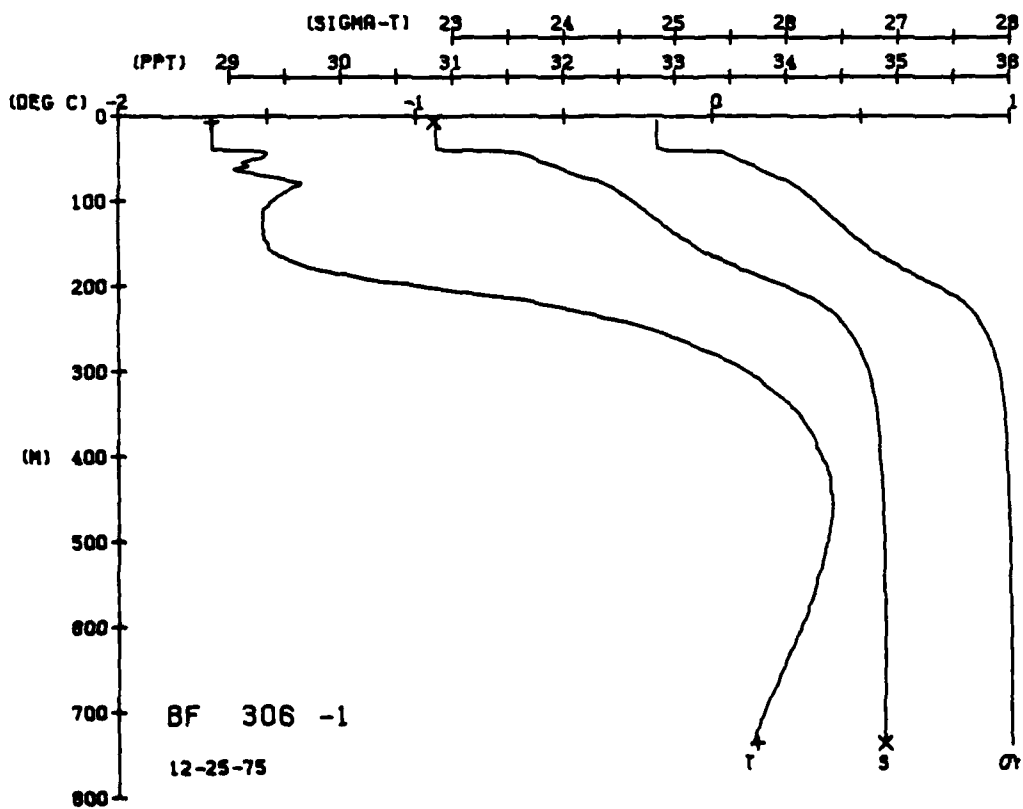
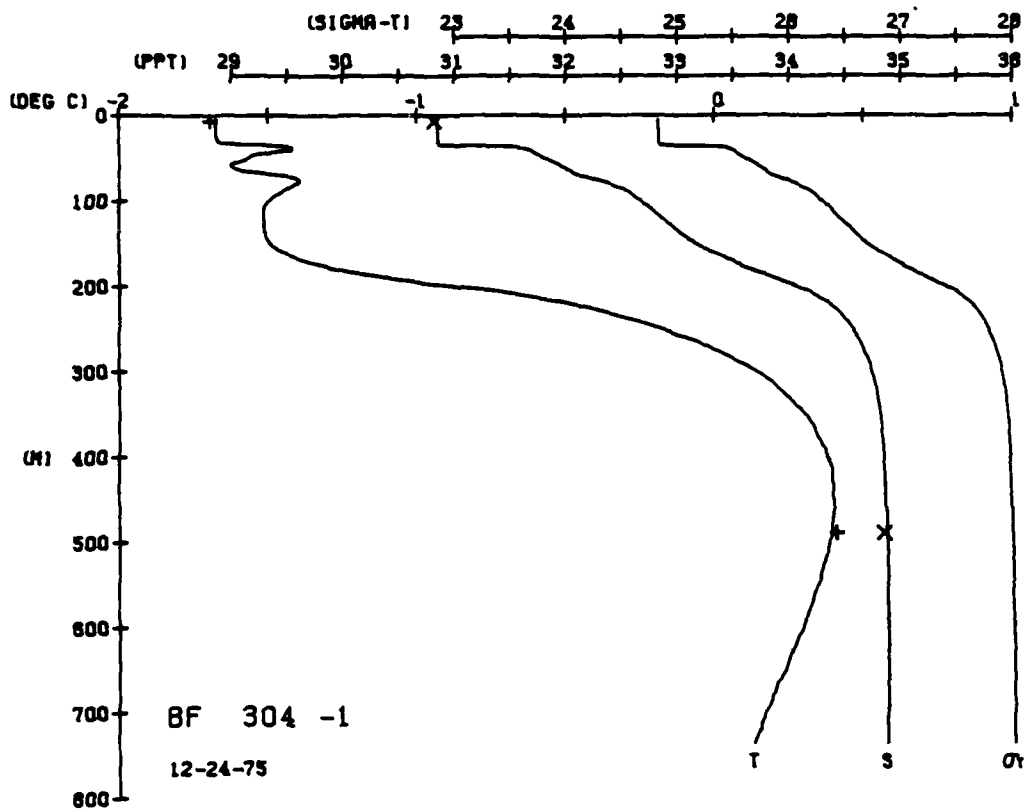
BLUE FOX STATION 302(1) CTU 23/DEC/1975 1800 GMT CODE = 2
LAT = 72.9409N LNC = 137.0271W UZER = 18 UGER = 39
AIR TEMP = 1066.0 WIND =

DEPTH	TEMP	PTEMP	SALIN	SIG T	SPVOL	DYHHT	SOUND
0	68	68	30.84	24.83	3.3	0.00	1435.5
5	68	68	30.84	24.83	2.2	0.00	1435.5
10	68	68	30.84	24.83	1.1	0.00	1435.5
15	68	68	30.84	24.83	0.0	0.00	1435.5
20	68	68	30.84	24.83	0.0	0.00	1435.5
25	68	68	30.84	24.83	0.0	0.00	1435.5
30	68	68	30.84	24.83	0.0	0.00	1435.5
35	68	68	30.84	24.83	0.0	0.00	1435.5
40	68	68	30.84	24.83	0.0	0.00	1435.5
45	68	68	30.84	24.83	0.0	0.00	1435.5
50	68	68	30.84	24.83	0.0	0.00	1435.5
55	68	68	30.84	24.83	0.0	0.00	1435.5
60	68	68	30.84	24.83	0.0	0.00	1435.5
65	68	68	30.84	24.83	0.0	0.00	1435.5
70	68	68	30.84	24.83	0.0	0.00	1435.5
75	68	68	30.84	24.83	0.0	0.00	1435.5
80	68	68	30.84	24.83	0.0	0.00	1435.5
85	68	68	30.84	24.83	0.0	0.00	1435.5
90	68	68	30.84	24.83	0.0	0.00	1435.5
95	68	68	30.84	24.83	0.0	0.00	1435.5
100	68	68	30.84	24.83	0.0	0.00	1435.5
105	68	68	30.84	24.83	0.0	0.00	1435.5
110	68	68	30.84	24.83	0.0	0.00	1435.5
115	68	68	30.84	24.83	0.0	0.00	1435.5
120	68	68	30.84	24.83	0.0	0.00	1435.5
125	68	68	30.84	24.83	0.0	0.00	1435.5
130	68	68	30.84	24.83	0.0	0.00	1435.5
135	68	68	30.84	24.83	0.0	0.00	1435.5
140	68	68	30.84	24.83	0.0	0.00	1435.5
145	68	68	30.84	24.83	0.0	0.00	1435.5
150	68	68	30.84	24.83	0.0	0.00	1435.5
155	68	68	30.84	24.83	0.0	0.00	1435.5
160	68	68	30.84	24.83	0.0	0.00	1435.5
165	68	68	30.84	24.83	0.0	0.00	1435.5
170	68	68	30.84	24.83	0.0	0.00	1435.5
175	68	68	30.84	24.83	0.0	0.00	1435.5
180	68	68	30.84	24.83	0.0	0.00	1435.5
185	68	68	30.84	24.83	0.0	0.00	1435.5
190	68	68	30.84	24.83	0.0	0.00	1435.5
195	68	68	30.84	24.83	0.0	0.00	1435.5
200	68	68	30.84	24.83	0.0	0.00	1435.5
205	68	68	30.84	24.83	0.0	0.00	1435.5
210	68	68	30.84	24.83	0.0	0.00	1435.5
215	68	68	30.84	24.83	0.0	0.00	1435.5
220	68	68	30.84	24.83	0.0	0.00	1435.5
225	68	68	30.84	24.83	0.0	0.00	1435.5
230	68	68	30.84	24.83	0.0	0.00	1435.5
235	68	68	30.84	24.83	0.0	0.00	1435.5
240	68	68	30.84	24.83	0.0	0.00	1435.5
245	68	68	30.84	24.83	0.0	0.00	1435.5
250	68	68	30.84	24.83	0.0	0.00	1435.5
255	68	68	30.84	24.83	0.0	0.00	1435.5
260	68	68	30.84	24.83	0.0	0.00	1435.5
265	68	68	30.84	24.83	0.0	0.00	1435.5
270	68	68	30.84	24.83	0.0	0.00	1435.5
275	68	68	30.84	24.83	0.0	0.00	1435.5
280	68	68	30.84	24.83	0.0	0.00	1435.5
285	68	68	30.84	24.83	0.0	0.00	1435.5
290	68	68	30.84	24.83	0.0	0.00	1435.5
295	68	68	30.84	24.83	0.0	0.00	1435.5
300	68	68	30.84	24.83	0.0	0.00	1435.5

DEPTH 0 5 10 15 20 25 30 35 40 45 50 55 60 65 70 75 80 85 90 95 100 105 110 115 120 125 130 135 140 145 150 155 160 165 170 175 180 185 190 195 200 205 210 215 220 225 230 235 240 245 250 255 260 265 270 275 280 285 290 295 300

TEMP. -1.70
SALIN 30.82
RUT NUM = 1
RUT NUM = 2





BLUF. FOX STATION 308(1) CTD 26/DEC/1975 1800 GMT CUDE=12
 LAT = 72.9132N LNC = 137.0149W LTER = 1 LGER = 1
 AIR TEMP = -36.2 BARUM = 1009.0 WIND = 52.3 SPEED = 35.3

DEPTH TEMP PTEMP SALIN SIG T SPVUL DYNHT SOUND

0.0	0.0	0.0	30.85	0.0	0.0
5.0	5.0	5.0	30.85	0.0	0.0
15.0	15.0	15.0	30.85	0.0	0.0
25.0	25.0	25.0	30.85	0.0	0.0
35.0	35.0	35.0	30.85	0.0	0.0
45.0	45.0	45.0	31.04	0.0	0.0
55.0	55.0	55.0	31.17	0.0	0.0
65.0	65.0	65.0	31.18	0.0	0.0
75.0	75.0	75.0	31.20	0.0	0.0
85.0	85.0	85.0	31.23	0.0	0.0
95.0	95.0	95.0	31.24	0.0	0.0
100.0	100.0	100.0	31.24	0.0	0.0
110.0	110.0	110.0	31.25	0.0	0.0
120.0	120.0	120.0	31.27	0.0	0.0
130.0	130.0	130.0	31.29	0.0	0.0
140.0	140.0	140.0	31.30	0.0	0.0
150.0	150.0	150.0	31.31	0.0	0.0
160.0	160.0	160.0	31.32	0.0	0.0
170.0	170.0	170.0	31.34	0.0	0.0
180.0	180.0	180.0	31.35	0.0	0.0
190.0	190.0	190.0	31.36	0.0	0.0
200.0	200.0	200.0	31.37	0.0	0.0
210.0	210.0	210.0	31.38	0.0	0.0
220.0	220.0	220.0	31.39	0.0	0.0
230.0	230.0	230.0	31.40	0.0	0.0
240.0	240.0	240.0	31.41	0.0	0.0
250.0	250.0	250.0	31.42	0.0	0.0
260.0	260.0	260.0	31.43	0.0	0.0
270.0	270.0	270.0	31.44	0.0	0.0
280.0	280.0	280.0	31.45	0.0	0.0
290.0	290.0	290.0	31.46	0.0	0.0
300.0	300.0	300.0	31.47	0.0	0.0
310.0	310.0	310.0	31.48	0.0	0.0
320.0	320.0	320.0	31.49	0.0	0.0
330.0	330.0	330.0	31.50	0.0	0.0
340.0	340.0	340.0	31.51	0.0	0.0
350.0	350.0	350.0	31.52	0.0	0.0
360.0	360.0	360.0	31.53	0.0	0.0
370.0	370.0	370.0	31.54	0.0	0.0
380.0	380.0	380.0	31.55	0.0	0.0
390.0	390.0	390.0	31.56	0.0	0.0
400.0	400.0	400.0	31.57	0.0	0.0
410.0	410.0	410.0	31.58	0.0	0.0
420.0	420.0	420.0	31.59	0.0	0.0
430.0	430.0	430.0	31.60	0.0	0.0
440.0	440.0	440.0	31.61	0.0	0.0
450.0	450.0	450.0	31.62	0.0	0.0
460.0	460.0	460.0	31.63	0.0	0.0
470.0	470.0	470.0	31.64	0.0	0.0
480.0	480.0	480.0	31.65	0.0	0.0
490.0	490.0	490.0	31.66	0.0	0.0
500.0	500.0	500.0	31.67	0.0	0.0
510.0	510.0	510.0	31.68	0.0	0.0
520.0	520.0	520.0	31.69	0.0	0.0
530.0	530.0	530.0	31.70	0.0	0.0
540.0	540.0	540.0	31.71	0.0	0.0
550.0	550.0	550.0	31.72	0.0	0.0
560.0	560.0	560.0	31.73	0.0	0.0
570.0	570.0	570.0	31.74	0.0	0.0
580.0	580.0	580.0	31.75	0.0	0.0
590.0	590.0	590.0	31.76	0.0	0.0
600.0	600.0	600.0	31.77	0.0	0.0
610.0	610.0	610.0	31.78	0.0	0.0
620.0	620.0	620.0	31.79	0.0	0.0
630.0	630.0	630.0	31.80	0.0	0.0
640.0	640.0	640.0	31.81	0.0	0.0
650.0	650.0	650.0	31.82	0.0	0.0
660.0	660.0	660.0	31.83	0.0	0.0
670.0	670.0	670.0	31.84	0.0	0.0
680.0	680.0	680.0	31.85	0.0	0.0
690.0	690.0	690.0	31.86	0.0	0.0
700.0	700.0	700.0	31.87	0.0	0.0
710.0	710.0	710.0	31.88	0.0	0.0
720.0	720.0	720.0	31.89	0.0	0.0
730.0	730.0	730.0	31.90	0.0	0.0

BOT NUM = 1
 HOT NUM = 2

DEPTH 4.9
 TEMP. -1.70
 SALIN 30.83

HOT NUM = 1
 HOT NUM = 2

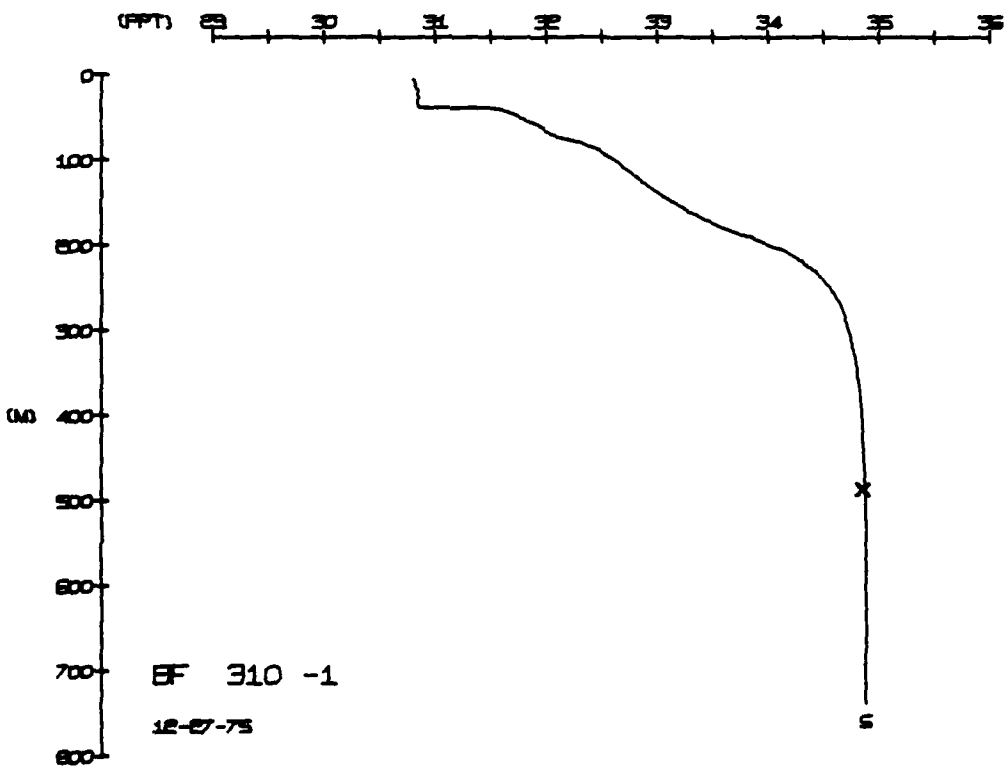
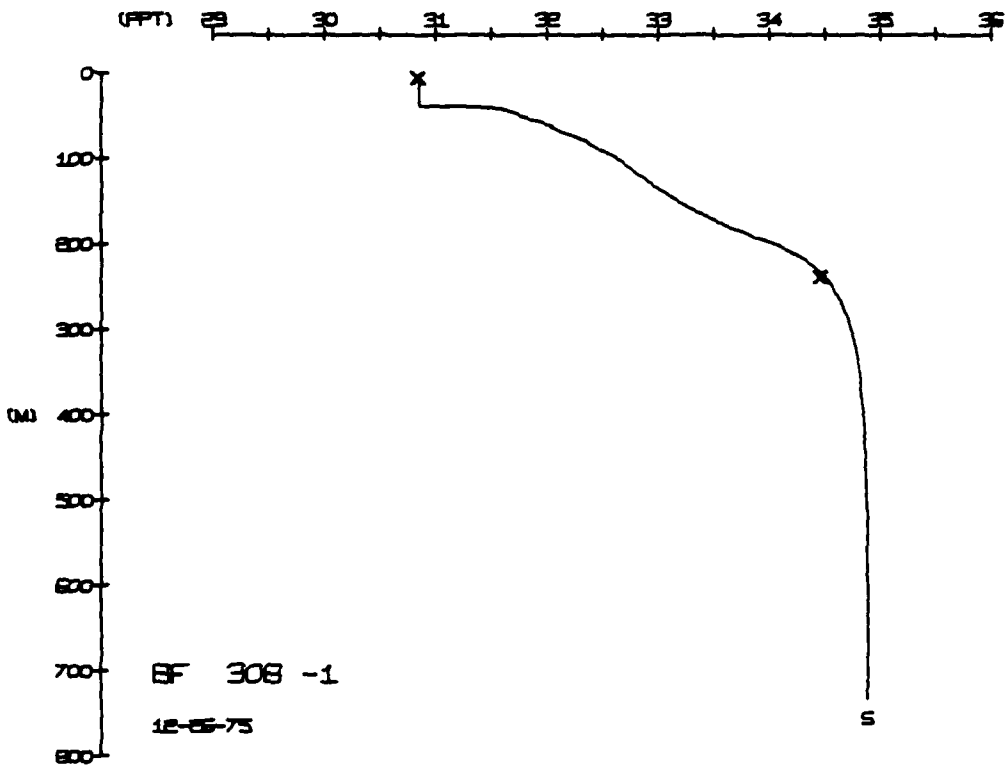
BLUF. FOX STATION 310(1) CTD 27/DEC/1975 1800 GMT CUDE=12
 LAT = 72.9211N LNC = 137.1344W LTER = 2 LGER = 3
 AIR TEMP = -27.1 BARUM = 1005.9 WIND = 63.5 SPEED = 63.6

DEPTH TEMP PTEMP SALIN SIG T SPVUL DYNHT SOUND

0.0	0.0	0.0	30.80	0.0	0.0
5.0	5.0	5.0	30.80	0.0	0.0
15.0	15.0	15.0	30.81	0.0	0.0
25.0	25.0	25.0	30.84	0.0	0.0
35.0	35.0	35.0	30.84	0.0	0.0
45.0	45.0	45.0	30.85	0.0	0.0
55.0	55.0	55.0	31.68	0.0	0.0
65.0	65.0	65.0	31.84	0.0	0.0
75.0	75.0	75.0	31.98	0.0	0.0
85.0	85.0	85.0	32.02	0.0	0.0
95.0	95.0	95.0	32.04	0.0	0.0
100.0	100.0	100.0	32.06	0.0	0.0
110.0	110.0	110.0	32.07	0.0	0.0
120.0	120.0	120.0	32.08	0.0	0.0
130.0	130.0	130.0	32.09	0.0	0.0
140.0	140.0	140.0	32.09	0.0	0.0
150.0	150.0	150.0	32.15	0.0	0.0
160.0	160.0	160.0	32.28	0.0	0.0
170.0	170.0	170.0	32.40	0.0	0.0
180.0	180.0	180.0	32.60	0.0	0.0
190.0	190.0	190.0	32.68	0.0	0.0
200.0	200.0	200.0	32.71	0.0	0.0
210.0	210.0	210.0	32.72	0.0	0.0
220.0	220.0	220.0	32.73	0.0	0.0
230.0	230.0	230.0	32.74	0.0	0.0
240.0	240.0	240.0	32.75	0.0	0.0
250.0	250.0	250.0	32.76	0.0	0.0
260.0	260.0	260.0	32.77	0.0	0.0
270.0	270.0	270.0	32.78	0.0	0.0
280.0	280.0	280.0	32.79	0.0	0.0
290.0	290.0	290.0	32.80	0.0	0.0
300.0	300.0	300.0	32.81	0.0	0.0
310.0	310.0	310.0	32.81	0.0	0.0
320.0	320.0	320.0	32.81	0.0	0.0
330.0	330.0	330.0	32.81	0.0	0.0
340.0	340.0	340.0	32.81	0.0	0.0
350.0	350.0	350.0	32.81	0.0	0.0
360.0	360.0	360.0	32.81	0.0	0.0
370.0	370.0	370.0	32.81	0.0	0.0
380.0	380.0	380.0	32.81	0.0	0.0
390.0	390.0	390.0	32.81	0.0	0.0
400.0	400.0	400.0	32.81	0.0	0.0
410.0	410.0	410.0	32.81	0.0	0.0
420.0	420.0	420.0	32.81	0.0	0.0
430.0	430.0	430.0	32.81	0.0	0.0
440.0	440.0	440.0	32.81	0.0	0.0
450.0	450.0	450.0	32.81	0.0	0.0
460.0	460.0	460.0	32.81	0.0	0.0
470.0	470.0	470.0	32.81	0.0	0.0
480.0	480.0	480.0	32.81	0.0	0.0
490.0	490.0	490.0	32.81	0.0	0.0
500.0	500.0	500.0	32.81	0.0	0.0
510.0	510.0	510.0	32.81	0.0	0.0
520.0	520.0	520.0	32.81	0.0	0.0
530.0	530.0	530.0	32.81	0.0	0.0
540.0	540.0	540.0	32.81	0.0	0.0
550.0	550.0	550.0	32.81	0.0	0.0
560.0	560.0	560.0	32.81	0.0	0.0
570.0	570.0	570.0	32.81	0.0	0.0
580.0	580.0	580.0	32.81	0.0	0.0
590.0	590.0	590.0	32.81	0.0	0.0
600.0	600.0	600.0	32.81	0.0	0.0
610.0	610.0	610.0	32.81	0.0	0.0
620.0	620.0	620.0	32.81	0.0	0.0
630.0	630.0	630.0	32.81	0.0	0.0
640.0	640.0	640.0	32.81	0.0	0.0
650.0	650.0	650.0	32.81	0.0	0.0
660.0	660.0	660.0	32.81	0.0	0.0
670.0	670.0	670.0	32.81	0.0	0.0
680.0	680.0	680.0	32.81	0.0	0.0
690.0	690.0	690.0	32.81	0.0	0.0
700.0	700.0	700.0	32.81	0.0	0.0
710.0	710.0	710.0	32.81	0.0	0.0
720.0	720.0	720.0	32.81	0.0	0.0
730.0	730.0	730.0	32.81	0.0	0.0

BOT NUM = 1
 HOT NUM = 2

DEPTH 6.1
 TEMP. -1.69
 SALIN 34.86



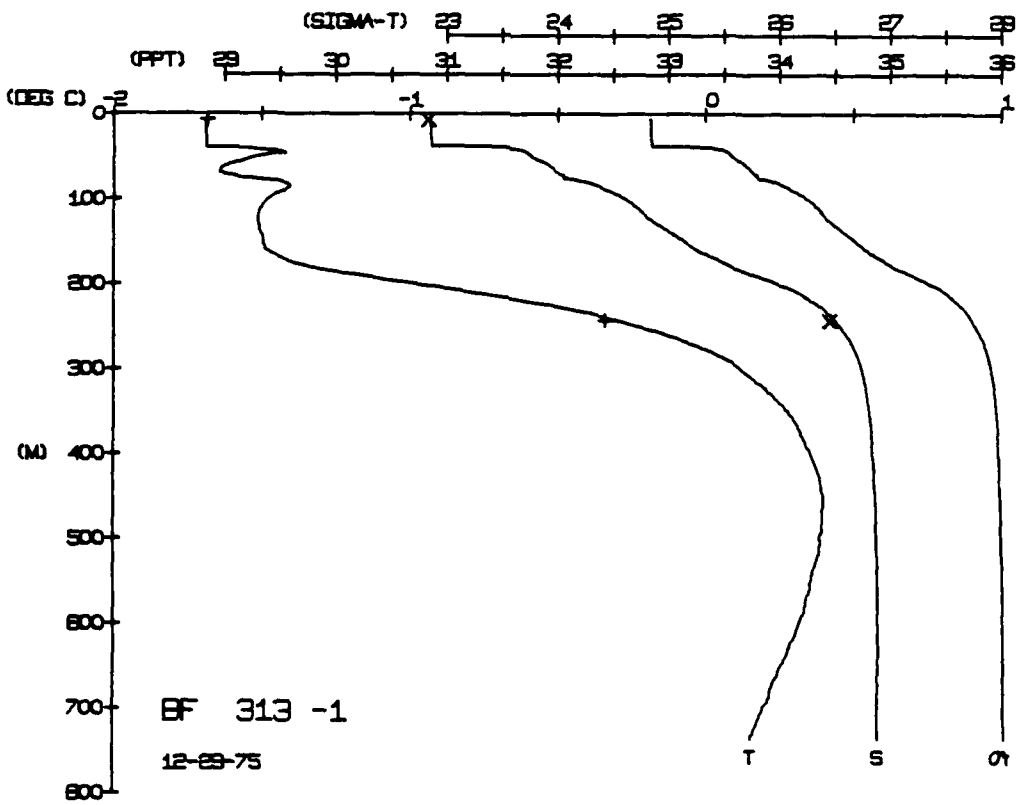
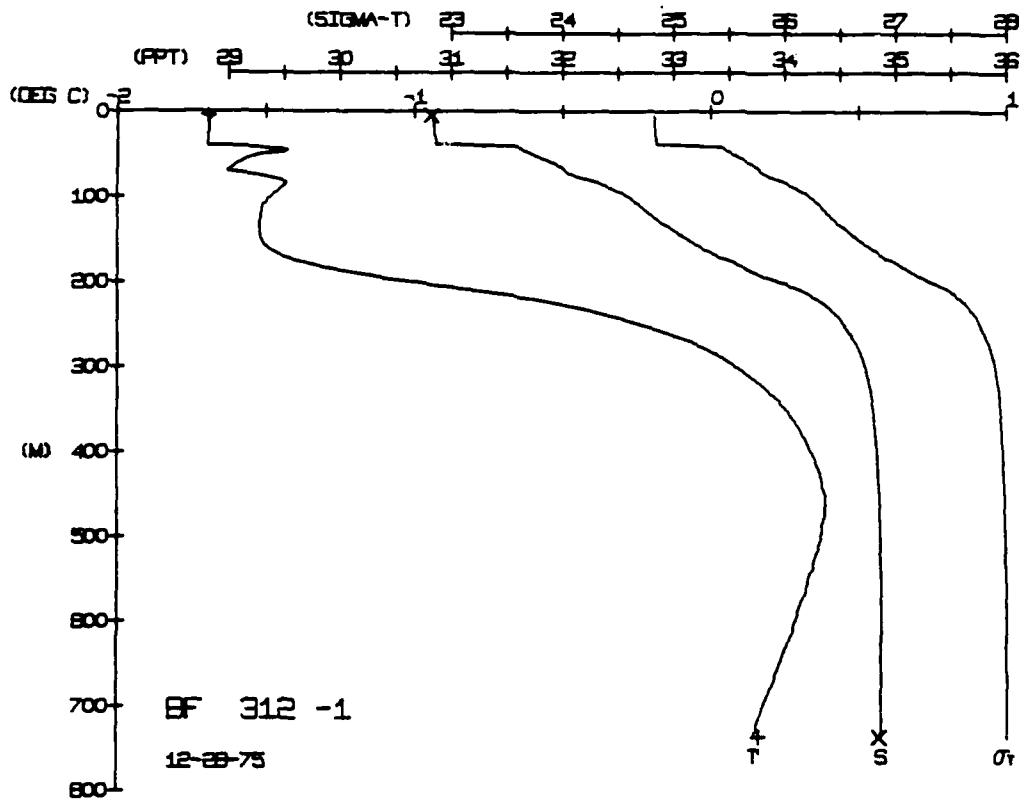
BUOY FOX STATION 312(1) CTD 28/DEC/1975 1805 GMT CODE = 2
 LAT = 72.9547 N LNC = 137.1663 W LTER = 0 LCEB = 0.0
 AIR TEMP = -27.1 BARUM = 1002.4 WIND = 63.5 SPEED = 63.6

DEPTH	TEMP	PTEMP	SALIN	SIG T	SPVOL	DIMHT	SOUND
0.0	68	68	30.83	24.82	13.7	0.00	4355
0.5	68	68	30.83	24.82	13.3	0.01	4356
1.0	69	69	30.84	24.82	13.3	0.04	4357
1.5	69	69	30.84	24.82	13.3	0.06	4358
2.0	69	69	30.84	24.82	13.3	0.07	4359
2.5	70	70	30.85	24.82	13.3	0.09	4360
3.0	70	70	30.85	24.82	13.3	0.12	4361
3.5	70	70	30.85	24.82	13.3	0.15	4362
4.0	70	70	30.85	24.82	13.3	0.18	4363
4.5	70	70	30.85	24.82	13.3	0.21	4364
5.0	70	70	30.85	24.82	13.3	0.24	4365
5.5	70	70	30.85	24.82	13.3	0.27	4366
6.0	70	70	30.85	24.82	13.3	0.30	4367
6.5	70	70	30.85	24.82	13.3	0.33	4368
7.0	70	70	30.85	24.82	13.3	0.36	4369
7.5	70	70	30.85	24.82	13.3	0.39	4370
8.0	70	70	30.85	24.82	13.3	0.42	4371
8.5	70	70	30.85	24.82	13.3	0.45	4372
9.0	70	70	30.85	24.82	13.3	0.48	4373
9.5	70	70	30.85	24.82	13.3	0.51	4374
10.0	70	70	30.85	24.82	13.3	0.54	4375
10.5	70	70	30.85	24.82	13.3	0.57	4376
11.0	70	70	30.85	24.82	13.3	0.60	4377
11.5	70	70	30.85	24.82	13.3	0.63	4378
12.0	70	70	30.85	24.82	13.3	0.66	4379
12.5	70	70	30.85	24.82	13.3	0.69	4380
13.0	70	70	30.85	24.82	13.3	0.72	4381
13.5	70	70	30.85	24.82	13.3	0.75	4382
14.0	70	70	30.85	24.82	13.3	0.78	4383
14.5	70	70	30.85	24.82	13.3	0.81	4384
15.0	70	70	30.85	24.82	13.3	0.84	4385
15.5	70	70	30.85	24.82	13.3	0.87	4386
16.0	70	70	30.85	24.82	13.3	0.90	4387
16.5	70	70	30.85	24.82	13.3	0.93	4388
17.0	70	70	30.85	24.82	13.3	0.96	4389
17.5	70	70	30.85	24.82	13.3	0.99	4390
18.0	70	70	30.85	24.82	13.3	1.02	4391
18.5	70	70	30.85	24.82	13.3	1.05	4392
19.0	70	70	30.85	24.82	13.3	1.08	4393
19.5	70	70	30.85	24.82	13.3	1.11	4394
20.0	70	70	30.85	24.82	13.3	1.14	4395
20.5	70	70	30.85	24.82	13.3	1.17	4396
21.0	70	70	30.85	24.82	13.3	1.20	4397
21.5	70	70	30.85	24.82	13.3	1.23	4398
22.0	70	70	30.85	24.82	13.3	1.26	4399
22.5	70	70	30.85	24.82	13.3	1.29	4400
23.0	70	70	30.85	24.82	13.3	1.32	4401
23.5	70	70	30.85	24.82	13.3	1.35	4402
24.0	70	70	30.85	24.82	13.3	1.38	4403
24.5	70	70	30.85	24.82	13.3	1.41	4404
25.0	70	70	30.85	24.82	13.3	1.44	4405
25.5	70	70	30.85	24.82	13.3	1.47	4406
26.0	70	70	30.85	24.82	13.3	1.50	4407
26.5	70	70	30.85	24.82	13.3	1.53	4408
27.0	70	70	30.85	24.82	13.3	1.56	4409
27.5	70	70	30.85	24.82	13.3	1.59	4410
28.0	70	70	30.85	24.82	13.3	1.62	4411
28.5	70	70	30.85	24.82	13.3	1.65	4412
29.0	70	70	30.85	24.82	13.3	1.68	4413
29.5	70	70	30.85	24.82	13.3	1.71	4414
30.0	70	70	30.85	24.82	13.3	1.74	4415
30.5	70	70	30.85	24.82	13.3	1.77	4416
31.0	70	70	30.85	24.82	13.3	1.80	4417
31.5	70	70	30.85	24.82	13.3	1.83	4418
32.0	70	70	30.85	24.82	13.3	1.86	4419
32.5	70	70	30.85	24.82	13.3	1.89	4420
33.0	70	70	30.85	24.82	13.3	1.92	4421
33.5	70	70	30.85	24.82	13.3	1.95	4422
34.0	70	70	30.85	24.82	13.3	1.98	4423
34.5	70	70	30.85	24.82	13.3	2.01	4424
35.0	70	70	30.85	24.82	13.3	2.04	4425
35.5	70	70	30.85	24.82	13.3	2.07	4426
36.0	70	70	30.85	24.82	13.3	2.10	4427
36.5	70	70	30.85	24.82	13.3	2.13	4428
37.0	70	70	30.85	24.82	13.3	2.16	4429
37.5	70	70	30.85	24.82	13.3	2.19	4430
38.0	70	70	30.85	24.82	13.3	2.22	4431
38.5	70	70	30.85	24.82	13.3	2.25	4432
39.0	70	70	30.85	24.82	13.3	2.28	4433
39.5	70	70	30.85	24.82	13.3	2.31	4434
40.0	70	70	30.85	24.82	13.3	2.34	4435
40.5	70	70	30.85	24.82	13.3	2.37	4436
41.0	70	70	30.85	24.82	13.3	2.40	4437
41.5	70	70	30.85	24.82	13.3	2.43	4438
42.0	70	70	30.85	24.82	13.3	2.46	4439
42.5	70	70	30.85	24.82	13.3	2.49	4440
43.0	70	70	30.85	24.82	13.3	2.52	4441
43.5	70	70	30.85	24.82	13.3	2.55	4442
44.0	70	70	30.85	24.82	13.3	2.58	4443
44.5	70	70	30.85	24.82	13.3	2.61	4444
45.0	70	70	30.85	24.82	13.3	2.64	4445
45.5	70	70	30.85	24.82	13.3	2.67	4446
46.0	70	70	30.85	24.82	13.3	2.70	4447
46.5	70	70	30.85	24.82	13.3	2.73	4448
47.0	70	70	30.85	24.82	13.3	2.76	4449
47.5	70	70	30.85	24.82	13.3	2.79	4450
48.0	70	70	30.85	24.82	13.3	2.82	4451
48.5	70	70	30.85	24.82	13.3	2.85	4452
49.0	70	70	30.85	24.82	13.3	2.88	4453
49.5	70	70	30.85	24.82	13.3	2.91	4454
50.0	70	70	30.85	24.82	13.3	2.94	4455
50.5	70	70	30.85	24.82	13.3	2.97	4456
51.0	70	70	30.85	24.82	13.3	3.00	4457
51.5	70	70	30.85	24.82	13.3	3.03	4458
52.0	70	70	30.85	24.82	13.3	3.06	4459
52.5	70	70	30.85	24.82	13.3	3.09	4460
53.0	70	70	30.85	24.82	13.3	3.12	4461
53.5	70	70	30.85	24.82	13.3	3.15	4462
54.0	70	70	30.85	24.82	13.3	3.18	4463
54.5	70	70	30.85	24.82	13.3	3.21	4464
55.0	70	70	30.85	24.82	13.3	3.24	4465
55.5	70	70	30.85	24.82	13.3	3.27	4466
56.0	70	70	30.85	24.82	13.3	3.30	4467
56.5	70	70	30.85	24.82	13.3	3.33	4468
57.0	70	70	30.85	24.82	13.3	3.36	4469
57.5	70	70	30.85	24.82	13.3	3.39	4470
58.0	70	70	30.85	24.82	13.3	3.42	4471
58.5	70	70	30.85	24.82	13.3	3.45	4472
59.0	70	70	30.85	24.82	13.3	3.48	4473
59.5	70	70	30.85	24.82	13.3	3.51	4474
60.0	70	70	30.85	24.82	13.3	3.54	4475

DEPTH 4.4 BUT NUM = 1 SALIN 30.92
 TEMP -1.70 SPEED 63.5
 SIG T 24.82 DIMHT 0.00 SOUND 4355

BUOY FOX STATION 313(1) CTD 29/DEC/1975 1810 GMT CODE = 2
 LAT = 72.9565 N LNC = 137.1623 W LTER = 0 LCEB = 0.0
 AIR TEMP = -21.0 BARUM = 1012.6 WIND = 258.6 SPEED = 59.8

DEPTH	TEMP	PTEMP	SALIN	SIG T	SPVOL	DIMHT	SOUND
0.0	69	69	30.85	24.82	12.5	0.00	4435
0.5	69	69	30.85	24.82	12.5	0.01	4436
1.0	69	69	30.85	24.82	12.5	0.04	4437
1.5	69	69	30.85	24.82	12.5	0.07	4438
2.0	69	69	30.85	24.82	12.5	0.09	4439
2.5	69	69	30.85	24.82	12.5	0.12	4440
3.0	69	69	30.85	24.82	12.5	0.15	4441
3.5	69	69	30.85	24.82	12.5	0.18	4442
4.0	69	69	30.85	24.82	12.5	0.21	4443
4.5	69	69	30.85	24.82	12.5	0.24	4444
5.0	69	69	30.85	24.82	12.5	0.27	4445
5.5	69	69	30.85	24.82	12.5	0.30	4446
6.0	69	69	30.85	24.82	12.5	0.33	4447
6.5	69	69	30.85	24.82	12.5	0.36	4448
7.0	69	69	30.85	24.82	12.5	0.39	4449
7.5	69	69	30.85	24.82	12.5	0.42	4450
8.0	69	69	30.85	24.82	12.5	0.45	4451
8.5	69	69	30.85	24.82	12.5	0.48	4452
9.0	69	69	30.85	24.82	12.5	0.51	4453
9.5	69	69	30.85	24.82	12.5	0.54	4454
10.0	69	69	30.85	24.82	12.5	0.57	4455
10.5	69	69	30.85	24.82	12.5	0.60	4456
11.0	69	69	30.85	24.82	12.5	0.63	4457
11.5	69	69	30.85	24.82	12.5	0.66	4458
12.0	69	69	30.85	24.82	12.5	0.69	4459
12.5	69	69	30.85	24.82	12.5	0.72	4460
13.0	69	69	30.85	24.82	12.5	0.75	4461
13.5	69	69	30.85	24.82	12.5	0.78	4462
14.0	69	69	30.85	24.82	12.5	0.81	4463
14.5	69	69	30.85	24.82	12.5	0.84	4464
15.0	69	69	30.85	24.82	12.5	0.87	4465
15.5	69	69	30.85	24.82	12.5	0.90	4466
16.0	69	69	30.85	24.82	12.5	0.93	4467
16.5	69	69	30.85	24.82	12.5	0.96	4468
17.0	69	69	30.85	24.82	12.5	0.99	4469
17.5	69	69	30.85	24.82	12.5	1.02	4470



BLUE FOX STATION 314(1) CTD 30/DEC/1975 1800 GMT CODE = 2
 LAT = 72.9237N LNG = 137.1516W USER = 1.0 USER = 2.2
 AIR TEMP = -21.0 BARUM = 1030.4 WIND = 258.8 SPEED = 59.8

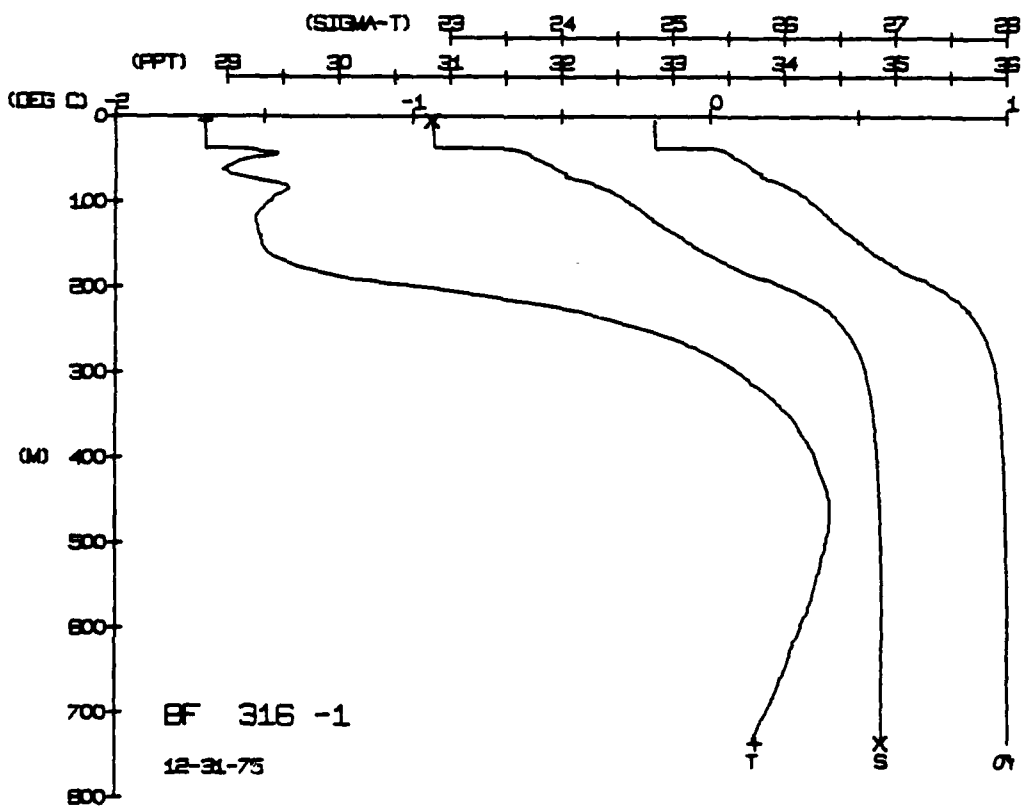
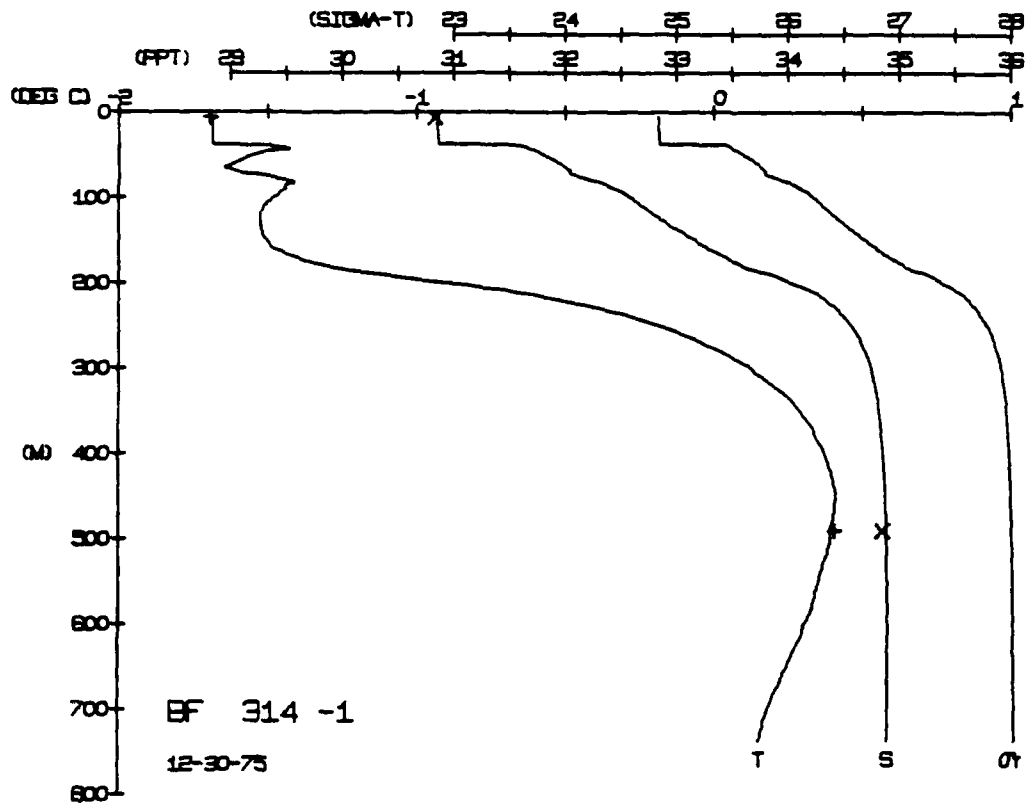
DEPTH	TEMP	PTEMP	SALIN	SIG T	SPVUL	DYNHT	SOUND
0.0	68	68	30.84	83	8	0.000	1435.5
0.5	68	68	30.84	83	8	0.018	1435.6
1.0	68	68	30.84	83	8	0.031	1435.7
1.5	68	68	30.84	83	8	0.043	1435.8
2.0	68	68	30.84	83	8	0.063	1435.9
2.5	68	68	30.84	83	8	0.074	1436.0
3.0	68	68	30.84	83	8	0.094	1436.1
3.5	68	68	30.84	83	8	0.114	1436.2
4.0	68	68	30.84	83	8	0.137	1436.3
4.5	68	68	30.84	83	8	0.149	1436.4
5.0	68	68	30.84	83	8	0.167	1436.4
5.5	68	68	30.84	83	8	0.185	1436.4
6.0	68	68	30.84	83	8	0.195	1436.7
6.5	68	68	30.84	83	8	0.216	1440.0
7.0	68	68	30.84	83	8	0.235	1440.6
7.5	68	68	30.84	83	8	0.252	1440.8
8.0	68	68	30.84	83	8	0.268	1440.8
8.5	68	68	30.84	83	8	0.285	1440.8
9.0	68	68	30.84	83	8	0.302	1440.8
9.5	68	68	30.84	83	8	0.317	1440.8
10.0	68	68	30.84	83	8	0.334	1440.8
10.5	68	68	30.84	83	8	0.347	1440.8
11.0	68	68	30.84	83	8	0.355	1440.8
11.5	68	68	30.84	83	8	0.370	1440.8
12.0	68	68	30.84	83	8	0.383	1440.8
12.5	68	68	30.84	83	8	0.393	1440.8
13.0	68	68	30.84	83	8	0.407	1440.8
13.5	68	68	30.84	83	8	0.414	1440.8
14.0	68	68	30.84	83	8	0.416	1440.8
14.5	68	68	30.84	83	8	0.422	1440.8
15.0	68	68	30.84	83	8	0.429	1440.8
15.5	68	68	30.84	83	8	0.433	1440.8
16.0	68	68	30.84	83	8	0.444	1440.8
16.5	68	68	30.84	83	8	0.444	1440.8
17.0	68	68	30.84	83	8	0.449	1440.8
17.5	68	68	30.84	83	8	0.449	1440.8
18.0	68	68	30.84	83	8	0.454	1440.8
18.5	68	68	30.84	83	8	0.458	1440.8
19.0	68	68	30.84	83	8	0.462	1440.8
19.5	68	68	30.84	83	8	0.468	1440.8
20.0	68	68	30.84	83	8	0.468	1440.8
20.5	68	68	30.84	83	8	0.472	1440.8
21.0	68	68	30.84	83	8	0.476	1440.8
21.5	68	68	30.84	83	8	0.477	1440.8

BOT NUM = 1
 DEPTH = 734.5
 TEMP = -1.70
 SALIN = 30.83
 SOUN = 1461.9

BLUE FOX STATION 316(1) CTD 31/DEC/1975 1800 GMT CODE = 2
 LAT = 72.9319N LNG = 137.1123W USER = 3.3 USER = 6.2
 AIR TEMP = -32.3 BARUM = 1033.7 WIND = 106.9 SPEED = 48.2

DEPTH	TEMP	PTEMP	SALIN	SIG T	SPVUL	DYNHT	SOUND
0.0	68	68	30.84	83	8	0.000	1435.5
0.5	68	68	30.84	83	8	0.018	1435.6
1.0	68	68	30.84	83	8	0.031	1435.6
1.5	68	68	30.84	83	8	0.043	1435.6
2.0	68	68	30.84	83	8	0.063	1435.6
2.5	68	68	30.84	83	8	0.074	1435.6
3.0	68	68	30.84	83	8	0.094	1435.6
3.5	68	68	30.84	83	8	0.114	1435.6
4.0	68	68	30.84	83	8	0.137	1435.6
4.5	68	68	30.84	83	8	0.149	1435.6
5.0	68	68	30.84	83	8	0.167	1435.6
5.5	68	68	30.84	83	8	0.185	1435.6
6.0	68	68	30.84	83	8	0.195	1435.6
6.5	68	68	30.84	83	8	0.216	1435.6
7.0	68	68	30.84	83	8	0.235	1435.6
7.5	68	68	30.84	83	8	0.252	1435.6
8.0	68	68	30.84	83	8	0.268	1435.6
8.5	68	68	30.84	83	8	0.285	1435.6
9.0	68	68	30.84	83	8	0.302	1435.6
9.5	68	68	30.84	83	8	0.317	1435.6
10.0	68	68	30.84	83	8	0.334	1435.6
10.5	68	68	30.84	83	8	0.347	1435.6
11.0	68	68	30.84	83	8	0.355	1435.6
11.5	68	68	30.84	83	8	0.370	1435.6
12.0	68	68	30.84	83	8	0.383	1435.6
12.5	68	68	30.84	83	8	0.393	1435.6
13.0	68	68	30.84	83	8	0.407	1435.6
13.5	68	68	30.84	83	8	0.414	1435.6
14.0	68	68	30.84	83	8	0.416	1435.6
14.5	68	68	30.84	83	8	0.422	1435.6
15.0	68	68	30.84	83	8	0.429	1435.6
15.5	68	68	30.84	83	8	0.433	1435.6
16.0	68	68	30.84	83	8	0.444	1435.6
16.5	68	68	30.84	83	8	0.444	1435.6
17.0	68	68	30.84	83	8	0.449	1435.6
17.5	68	68	30.84	83	8	0.449	1435.6
18.0	68	68	30.84	83	8	0.454	1435.6
18.5	68	68	30.84	83	8	0.458	1435.6
19.0	68	68	30.84	83	8	0.462	1435.6
19.5	68	68	30.84	83	8	0.468	1435.6
20.0	68	68	30.84	83	8	0.468	1435.6
20.5	68	68	30.84	83	8	0.472	1435.6
21.0	68	68	30.84	83	8	0.476	1435.6
21.5	68	68	30.84	83	8	0.477	1435.6

BOT NUM = 2
 DEPTH = 734.5
 TEMP = -1.70
 SALIN = 30.83
 SOUN = 1461.9



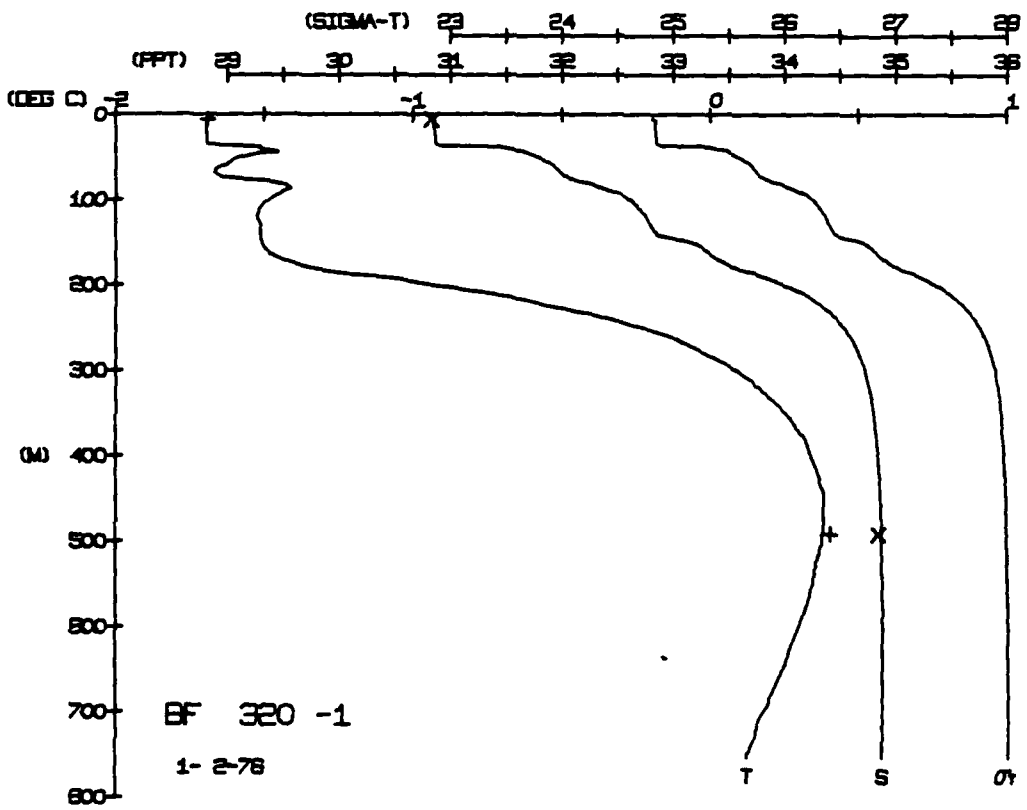
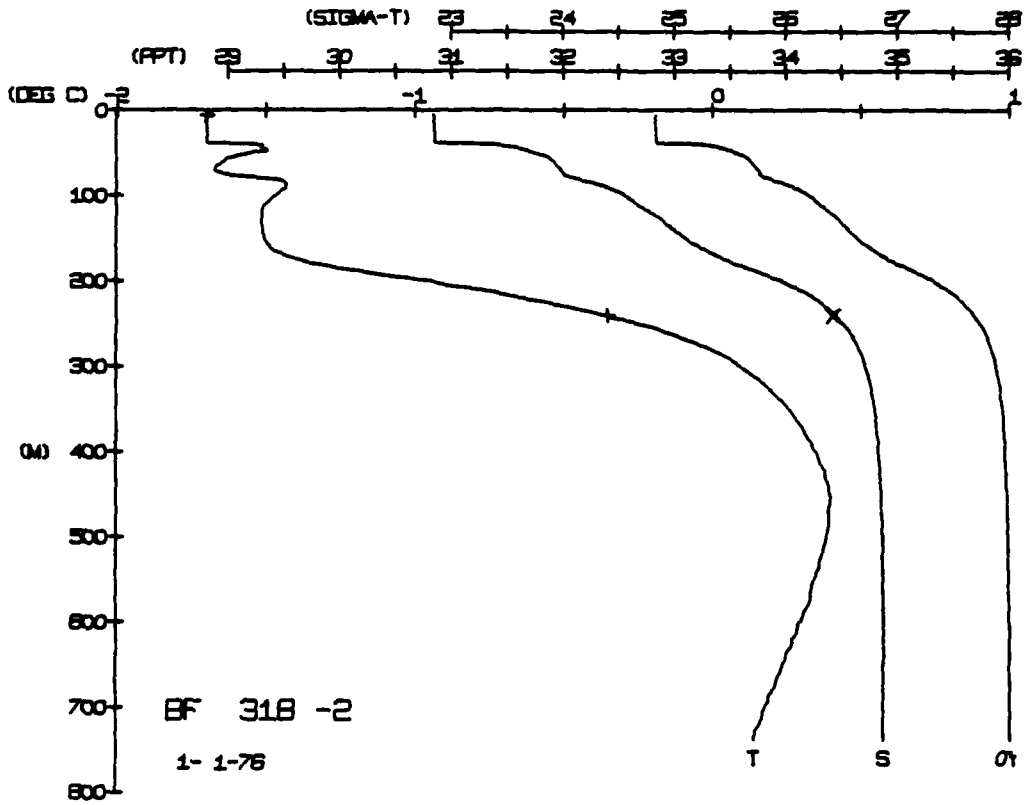
BLUE FOX STATION 318(2) CTD 17/JAN/1976 1802 GMT CODE = 2
LAT = 72.9870N LNG = 137.3421W U.TER = 0 USER = 0
AIR TEMP = -32.3 BAROM = 1027.6 WIND = 106.9 SPEED = 48.2

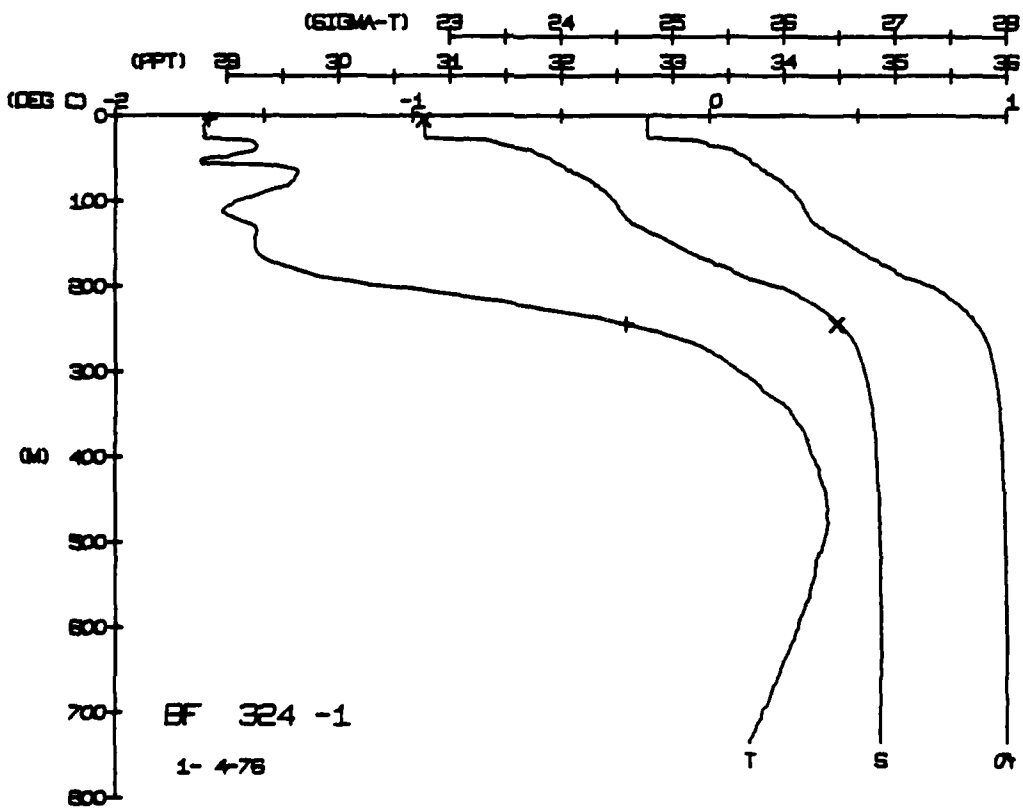
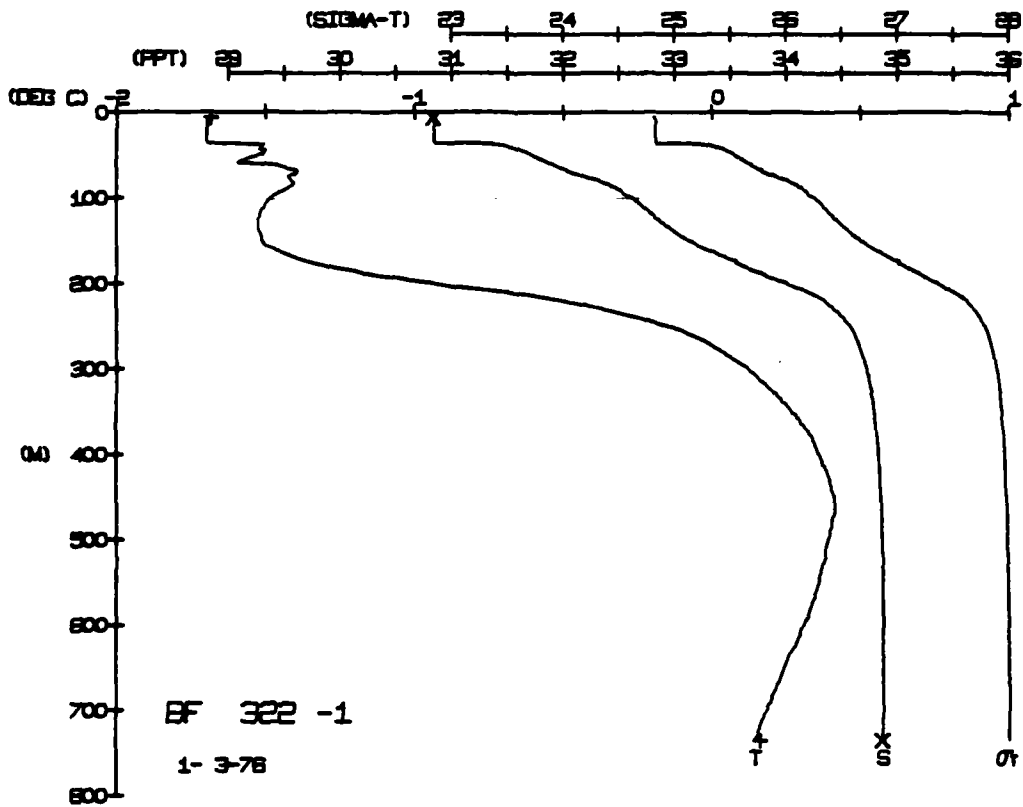
DEPTH	TEMP	PTEMP	SALIN	SIG T	SPVUL	DYHNT	SOUND
0	1.69	1.69	30.00	22.83	0	000	1435.5667890
5	1.67	1.67	30.00	22.83	0	000	1433.5567890
10	1.65	1.65	30.00	22.83	0	000	1431.5467890
15	1.63	1.63	30.00	22.83	0	000	1429.5367890
20	1.61	1.61	30.00	22.83	0	000	1427.5267890
25	1.59	1.59	30.00	22.83	0	000	1425.5167890
30	1.57	1.57	30.00	22.83	0	000	1423.5067890
35	1.55	1.55	30.00	22.83	0	000	1421.4967890
40	1.53	1.53	30.00	22.83	0	000	1419.4867890
45	1.51	1.51	30.00	22.83	0	000	1417.4767890
50	1.49	1.49	30.00	22.83	0	000	1415.4667890
55	1.47	1.47	30.00	22.83	0	000	1413.4567890
60	1.45	1.45	30.00	22.83	0	000	1411.4467890
65	1.43	1.43	30.00	22.83	0	000	1409.4367890
70	1.41	1.41	30.00	22.83	0	000	1407.4267890
75	1.39	1.39	30.00	22.83	0	000	1405.4167890
80	1.37	1.37	30.00	22.83	0	000	1403.4067890
85	1.35	1.35	30.00	22.83	0	000	1401.3967890
90	1.33	1.33	30.00	22.83	0	000	1399.3867890
95	1.31	1.31	30.00	22.83	0	000	1397.3767890
100	1.29	1.29	30.00	22.83	0	000	1395.3667890
105	1.27	1.27	30.00	22.83	0	000	1393.3567890
110	1.25	1.25	30.00	22.83	0	000	1391.3467890
115	1.23	1.23	30.00	22.83	0	000	1389.3367890
120	1.21	1.21	30.00	22.83	0	000	1387.3267890
125	1.19	1.19	30.00	22.83	0	000	1385.3167890
130	1.17	1.17	30.00	22.83	0	000	1383.3067890
135	1.15	1.15	30.00	22.83	0	000	1381.2967890
140	1.13	1.13	30.00	22.83	0	000	1379.2867890
145	1.11	1.11	30.00	22.83	0	000	1377.2767890
150	1.09	1.09	30.00	22.83	0	000	1375.2667890
155	1.07	1.07	30.00	22.83	0	000	1373.2567890
160	1.05	1.05	30.00	22.83	0	000	1371.2467890
165	1.03	1.03	30.00	22.83	0	000	1369.2367890
170	1.01	1.01	30.00	22.83	0	000	1367.2267890
175	0.99	0.99	30.00	22.83	0	000	1365.2167890
180	0.97	0.97	30.00	22.83	0	000	1363.2067890
185	0.95	0.95	30.00	22.83	0	000	1361.1967890
190	0.93	0.93	30.00	22.83	0	000	1359.1867890
195	0.91	0.91	30.00	22.83	0	000	1357.1767890
200	0.89	0.89	30.00	22.83	0	000	1355.1667890
205	0.87	0.87	30.00	22.83	0	000	1353.1567890
210	0.85	0.85	30.00	22.83	0	000	1351.1467890
215	0.83	0.83	30.00	22.83	0	000	1349.1367890
220	0.81	0.81	30.00	22.83	0	000	1347.1267890
225	0.79	0.79	30.00	22.83	0	000	1345.1167890
230	0.77	0.77	30.00	22.83	0	000	1343.1067890
235	0.75	0.75	30.00	22.83	0	000	1341.0967890
240	0.73	0.73	30.00	22.83	0	000	1339.0867890
245	0.71	0.71	30.00	22.83	0	000	1337.0767890
250	0.69	0.69	30.00	22.83	0	000	1335.0667890
255	0.67	0.67	30.00	22.83	0	000	1333.0567890
260	0.65	0.65	30.00	22.83	0	000	1331.0467890
265	0.63	0.63	30.00	22.83	0	000	1329.0367890
270	0.61	0.61	30.00	22.83	0	000	1327.0267890
275	0.59	0.59	30.00	22.83	0	000	1325.0167890
280	0.57	0.57	30.00	22.83	0	000	1323.0067890
285	0.55	0.55	30.00	22.83	0	000	1321.9967890
290	0.53	0.53	30.00	22.83	0	000	1319.9867890
295	0.51	0.51	30.00	22.83	0	000	1317.9767890
300	0.49	0.49	30.00	22.83	0	000	1315.9667890
305	0.47	0.47	30.00	22.83	0	000	1313.9567890
310	0.45	0.45	30.00	22.83	0	000	1311.9467890
315	0.43	0.43	30.00	22.83	0	000	1309.9367890
320	0.41	0.41	30.00	22.83	0	000	1307.9267890
325	0.39	0.39	30.00	22.83	0	000	1305.9167890
330	0.37	0.37	30.00	22.83	0	000	1303.9067890
335	0.35	0.35	30.00	22.83	0	000	1301.8967890
340	0.33	0.33	30.00	22.83	0	000	1299.8867890
345	0.31	0.31	30.00	22.83	0	000	1297.8767890
350	0.29	0.29	30.00	22.83	0	000	1295.8667890
355	0.27	0.27	30.00	22.83	0	000	1293.8567890
360	0.25	0.25	30.00	22.83	0	000	1291.8467890
365	0.23	0.23	30.00	22.83	0	000	1289.8367890
370	0.21	0.21	30.00	22.83	0	000	1287.8267890
375	0.19	0.19	30.00	22.83	0	000	1285.8167890
380	0.17	0.17	30.00	22.83	0	000	1283.8067890
385	0.15	0.15	30.00	22.83	0	000	1281.7967890
390	0.13	0.13	30.00	22.83	0	000	1279.7867890
395	0.11	0.11	30.00	22.83	0	000	1277.7767890
400	0.09	0.09	30.00	22.83	0	000	1275.7667890
405	0.07	0.07	30.00	22.83	0	000	1273.7567890
410	0.05	0.05	30.00	22.83	0	000	1271.7467890
415	0.03	0.03	30.00	22.83	0	000	1269.7367890
420	0.01	0.01	30.00	22.83	0	000	1267.7267890
425	0.00	0.00	30.00	22.83	0	000	1265.7167890
430	0.00	0.00	30.00	22.83	0	000	1263.7067890
435	0.00	0.00	30.00	22.83	0	000	1261.6967890
440	0.00	0.00	30.00	22.83	0	000	1259.6867890
445	0.00	0.00	30.00	22.83	0	000	1257.6767890
450	0.00	0.00	30.00	22.83	0	000	1255.6667890
455	0.00	0.00	30.00	22.83	0	000	1253.6567890
460	0.00	0.00	30.00	22.83	0	000	1251.6467890
465	0.00	0.00	30.00	22.83	0	000	1249.6367890
470	0.00	0.00	30.00	22.83	0	000	1247.6267890
475	0.00	0.00	30.00	22.83	0	000	1245.6167890
480	0.00	0.00	30.00	22.83	0	000	1243.6067890
485	0.00	0.00	30.00	22.83	0	000	1241.5967890
490	0.00	0.00	30.00	22.83	0	000	1239.5867890
495	0.00	0.00	30.00	22.83	0	000	1237.5767890
500	0.00	0.00	30.00	22.83	0	000	1235.5667890

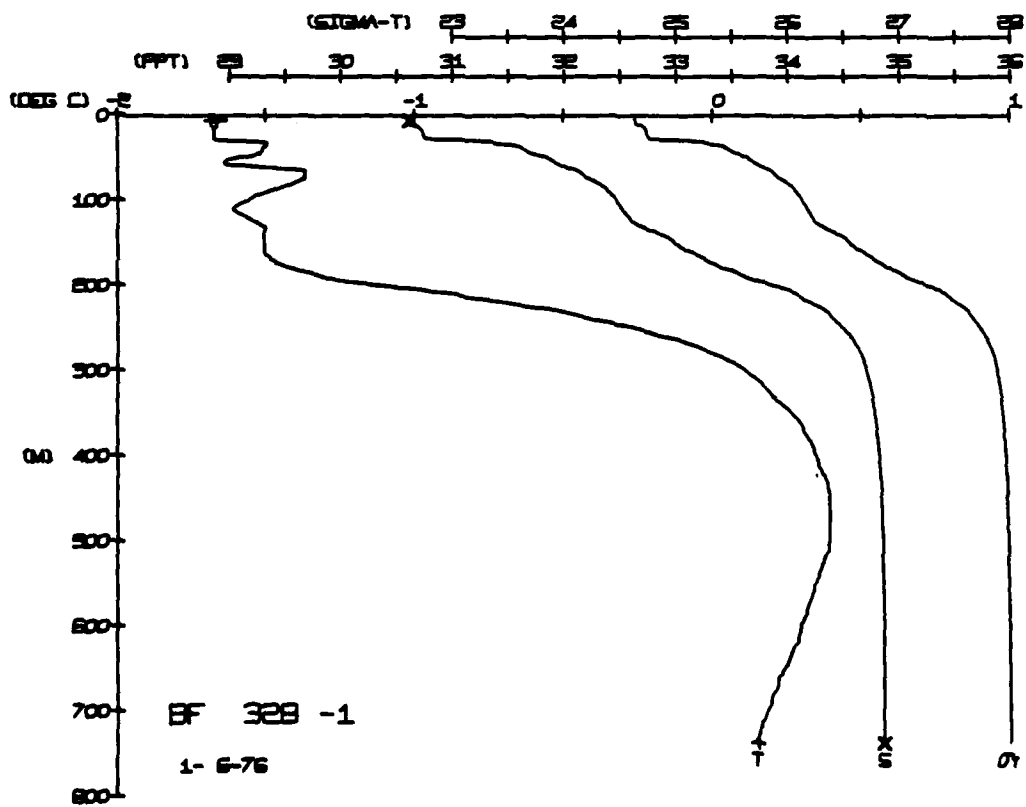
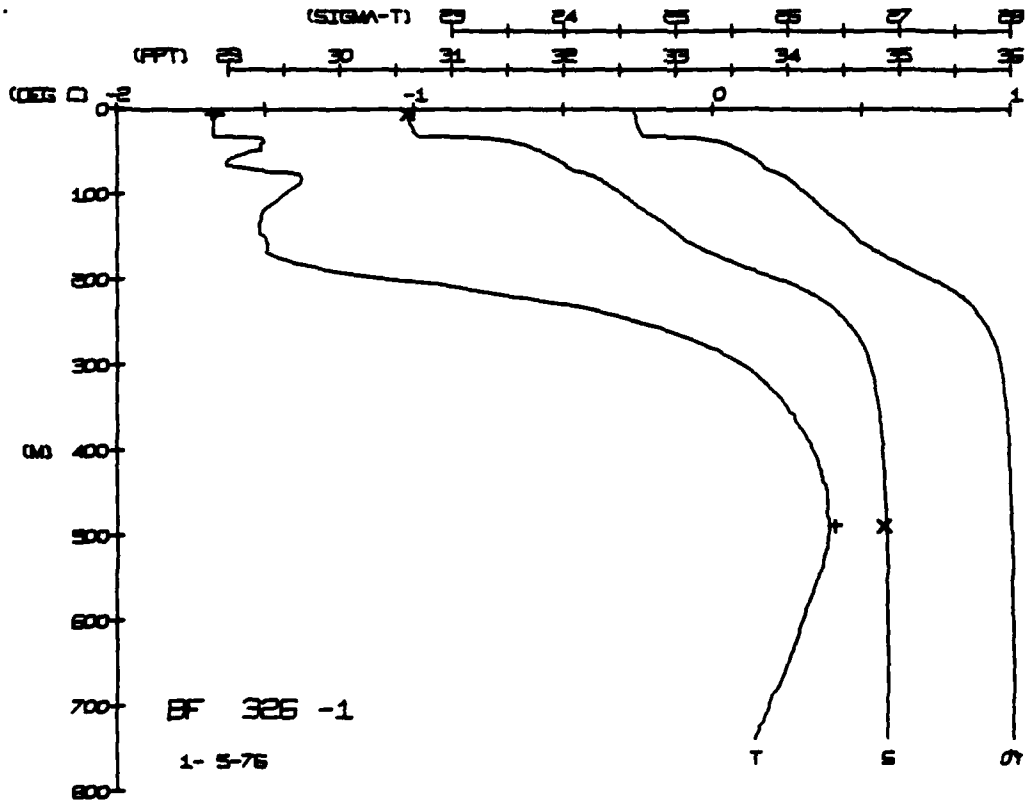
DEPTH 6.1 240.2
TEMP -1.70 -0.35
SALIN 34.43
BOT NUM = 1
HOT NUM = 2

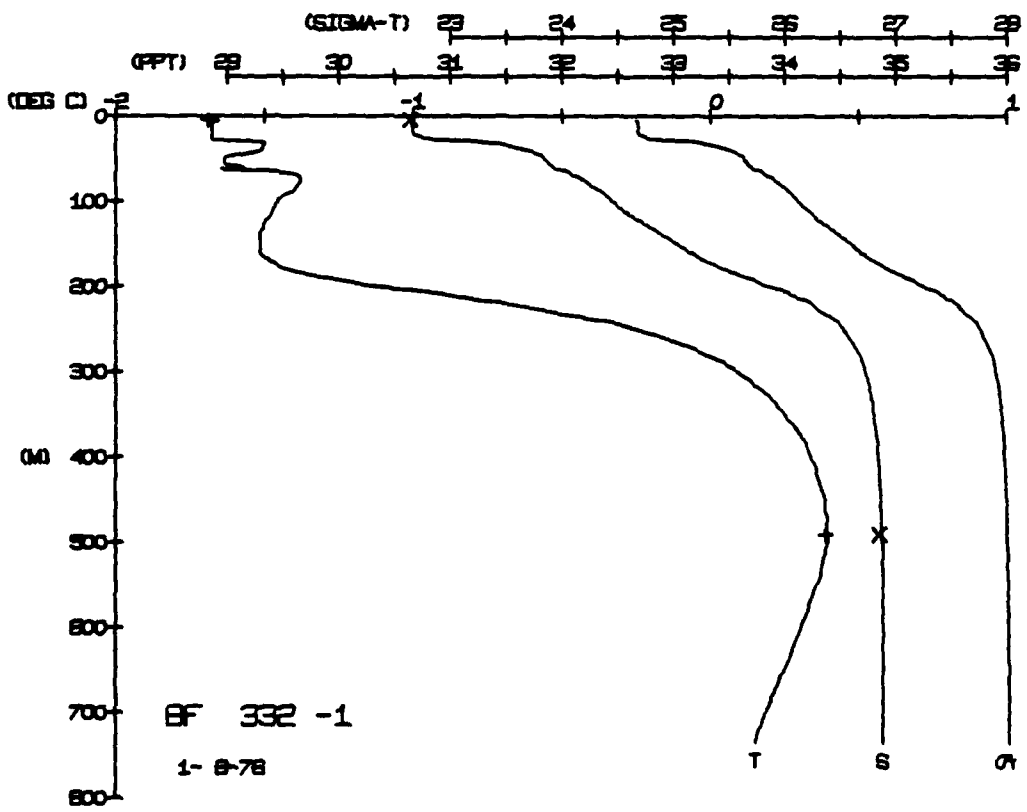
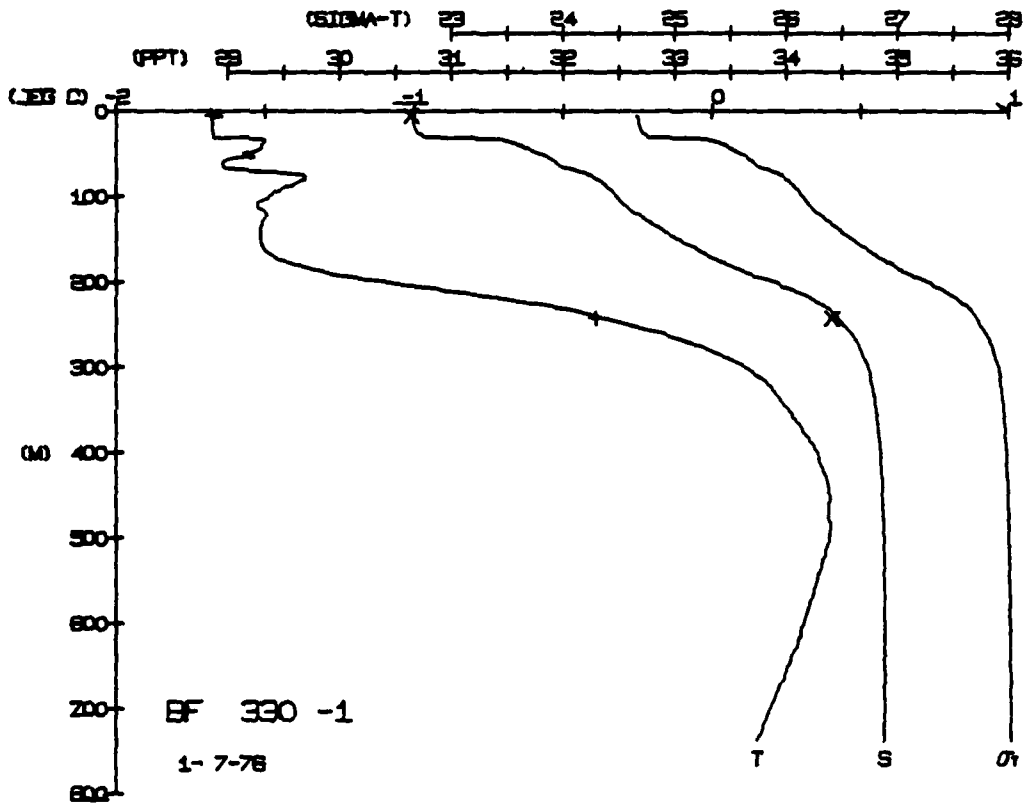
BLUE FOX STATION 320(1) CTD 7/JAN/1976 1800 GMT CODE = 2
LAT = 72.9880N LNG = 137.3791W U.TER = 0 USER = 0
AIR TEMP = -23.6 BAROM = 1031.3 WIND = 38.1 SPEED = 47.3

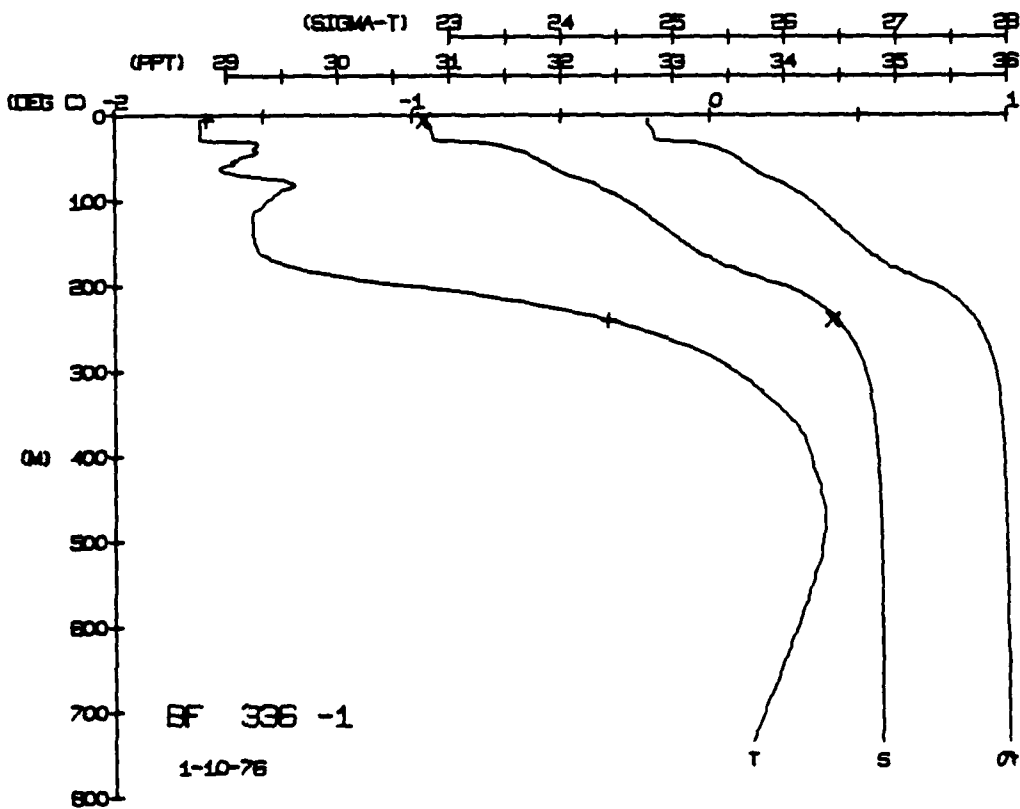
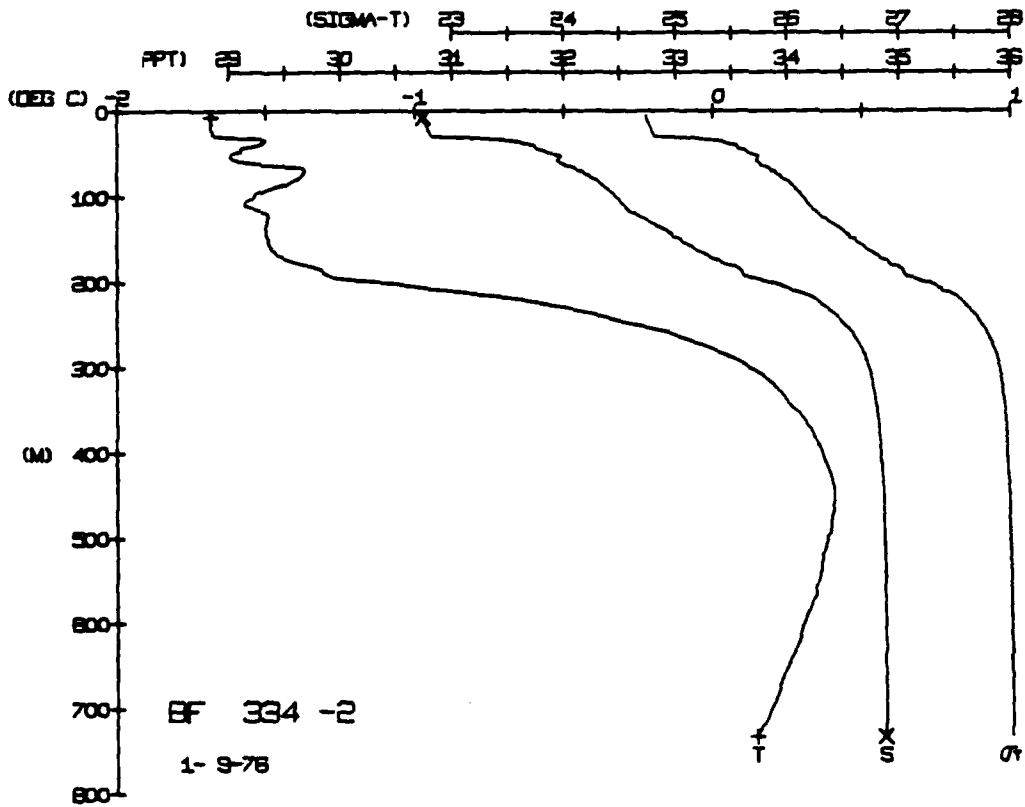
DEPTH	TEMP	PTEMP	SALIN	SIG T	SPVUL	DYHNT	SOUND
0	1.69	1.69	30.00	22.82	0	000	1435.5667890
5	1.67	1.67	30.00	22.82	0	000	1433.5567890
10	1.65	1.65	30.00	22.82	0	000	1431.5467890
15	1.63	1.63	30.00	22.82	0	000	1429.5367890
20	1.61	1.61	30.00	22.82	0	000	1427.5267890
25	1.59	1.59	30.00	22.82	0	000	1425.5167890
30	1.57	1.57	30.00	22.82	0	000	1423.5067890
35	1.55	1.55	30.00	22.82	0	000	1421.4967890
40	1.53	1.53	30.00	22.82	0	000	1419.4867890
45	1.51	1.51	30.00	22.82	0	000	1417.4767890
50	1.49	1.49	30.00	22.82	0	000	1415.4667890
55	1.47	1.47	30.00	22.82	0	000	1413.4567890
60	1.45	1.45	30.00	22.82	0	000	1411.4467890
65	1.43	1.43	30.00	22.82	0	000	1409.4367890
70	1.41	1.41	30.00	22.82	0	000	1407.4267890
75	1.39	1.39	30.00	22.82	0	000	1405.4167890
80	1.37	1.37	30.00	22.82	0	000	1403.4067890
85	1.35	1.35	30.00	22.82	0	000	1401.3967890
90	1.33	1.33	30.00	22.82	0	000	1399.3867890
95	1.31	1.31	30.00	22.82	0	000	1397.3767890
100	1.29	1.29	30.00	22.82	0	000	1395.3667890
105	1.27	1.27	30.00	22.82	0	000	1393.3567890
110	1.25	1.25	30.00	22.82	0	000	1391.3467890
115	1.23	1.23	30.00	22.82	0	000	1389.3367890
120	1.21	1.21	30.00	22.82	0	000	1387.3267890
125	1.19	1.19	30.00	22.82	0	000	1385.3167890
130	1.17	1.17	30.00	22.82	0	000	1383.3067890
135	1.15	1.15	30.00	22.82	0	000	1381.2967890
140	1.13	1.13	30.00	22.82	0	000	1379.2867890
145	1.11	1.11	30.00	22.82	0	000	1377.2767890
150	1.09	1.09	30.00	22.82	0	000	1375.2667890
155	1.07	1.07	30.00	22.82	0	000	1373.2567890
160	1.05	1.05	30.00	22.82	0	000	1371.2467890
165	1.03	1.03	30.00	22.82	0	000	1369.2367890
170	1.01	1.01	30.00	22.82	0	000	1367.2267890
175	0.99	0.99	30.00	22.82	0	000	1365.2167890
180	0.97	0.97	30.00	22.82	0	000	1363.2067890
185	0.95	0.95	30.00	22.82	0	000	1361.1967890
190	0.93	0.93	30.00	22.82	0	000	1359.1867890
195	0.91	0.91	30.00	22.82	0	000	1357.1767890
200	0.89	0.89	30.00	22.82	0	000	1355.1667890
205	0.87	0.87	30.00	22.82	0	000	1353.1567890
210	0.85	0.85	30.00	22.82	0	000	1351.1467890
215	0.83	0.83	30.00	22.82	0	000	1349.1367890
220	0.81	0.81	30.00	22.82	0	000	1347.1267890
225	0.79	0.79	30.00	22.82</			

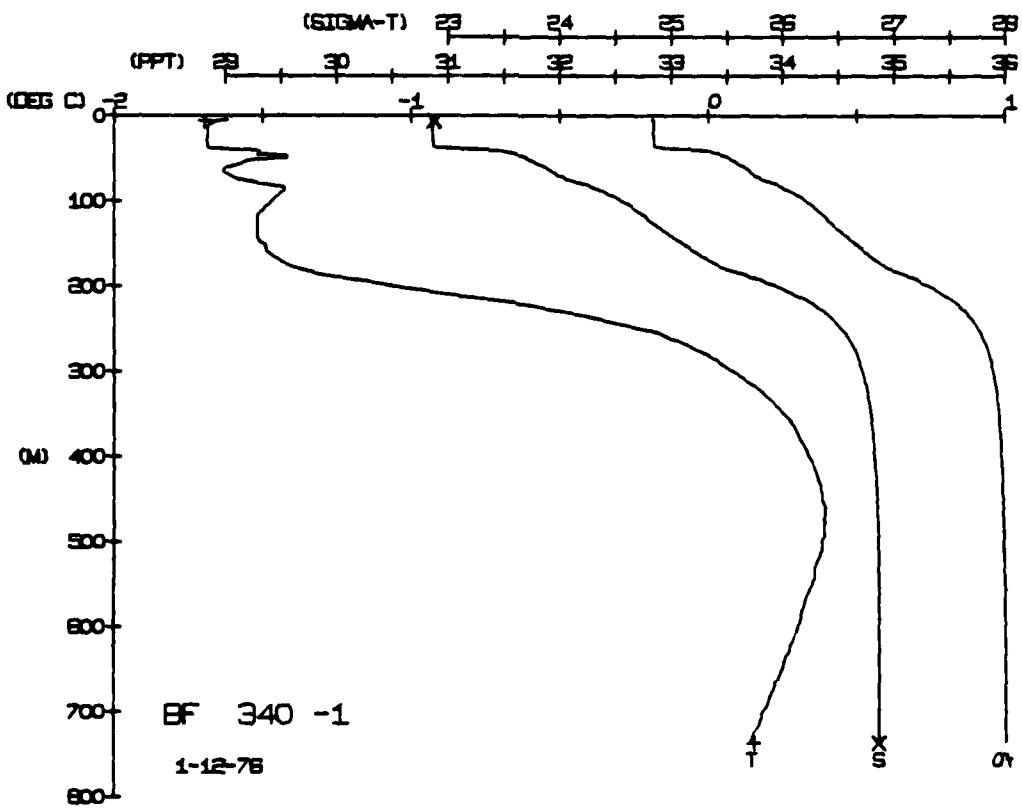
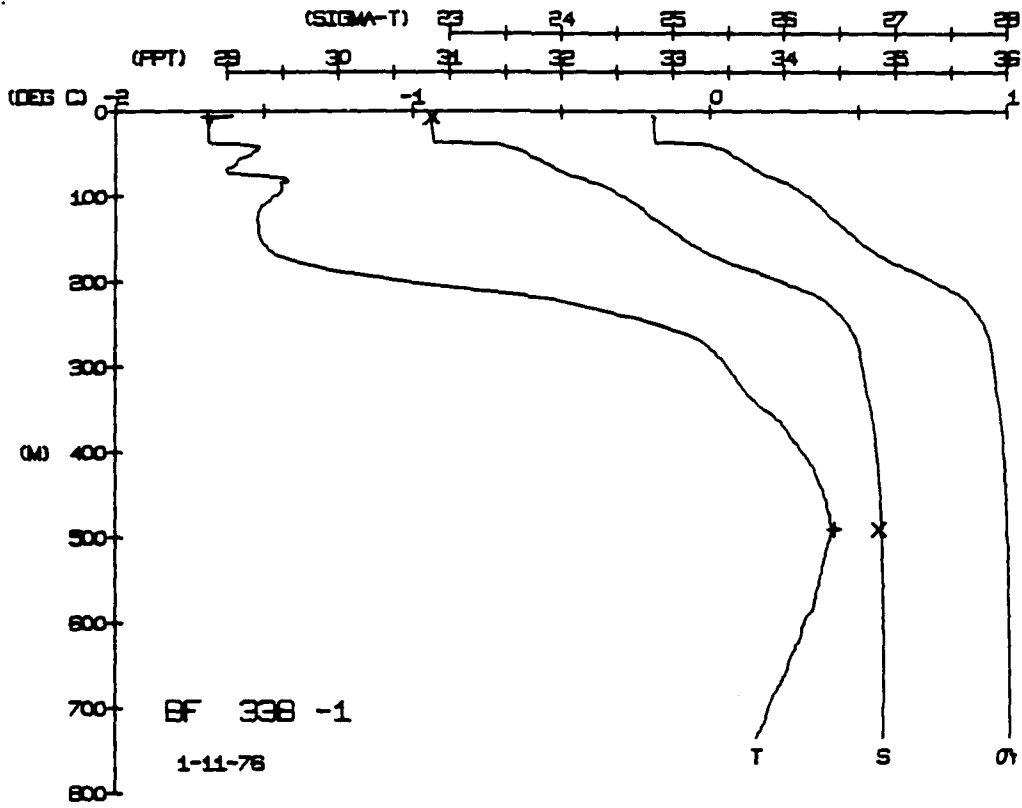


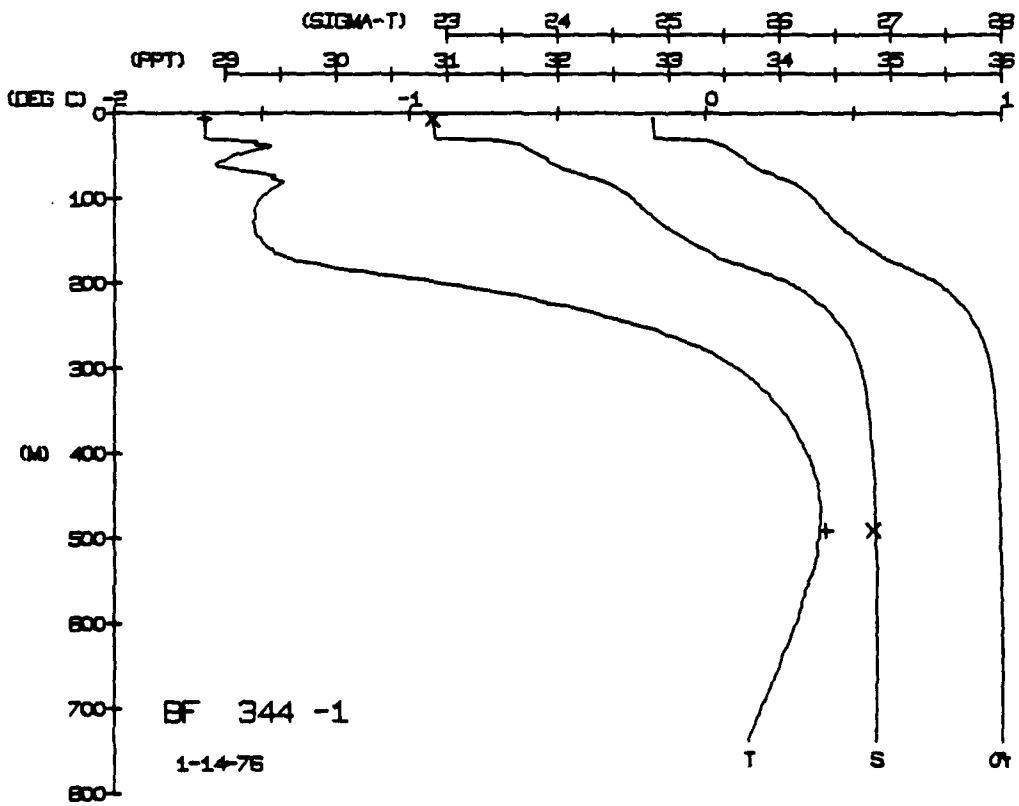
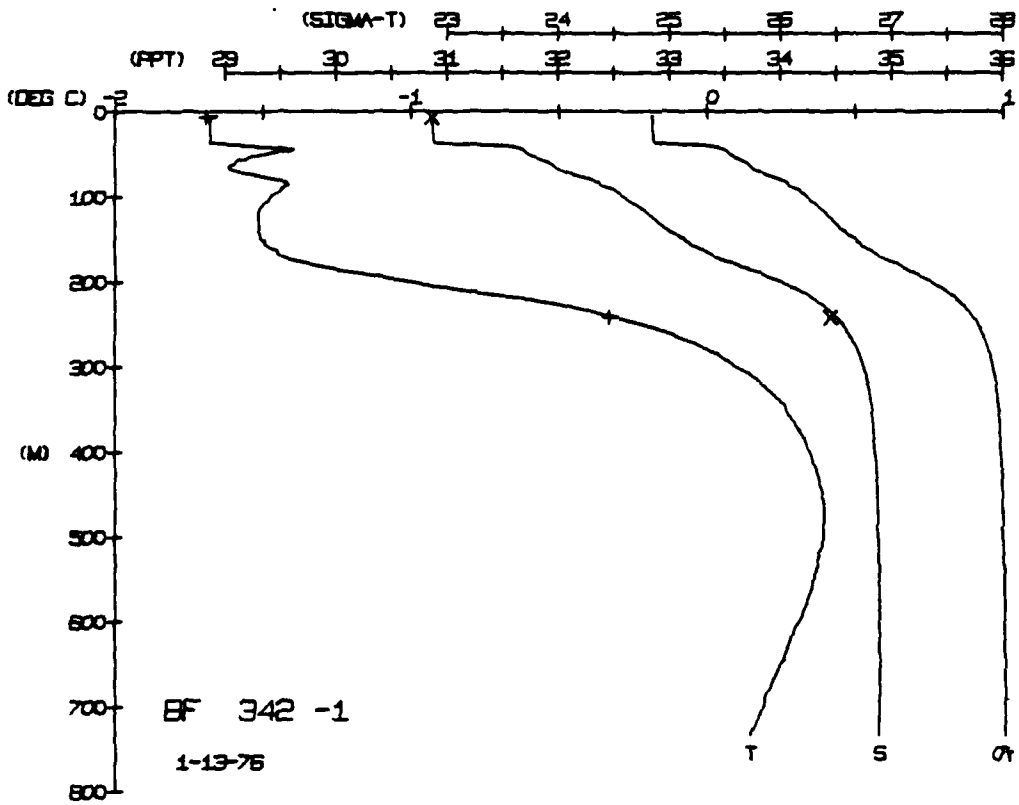












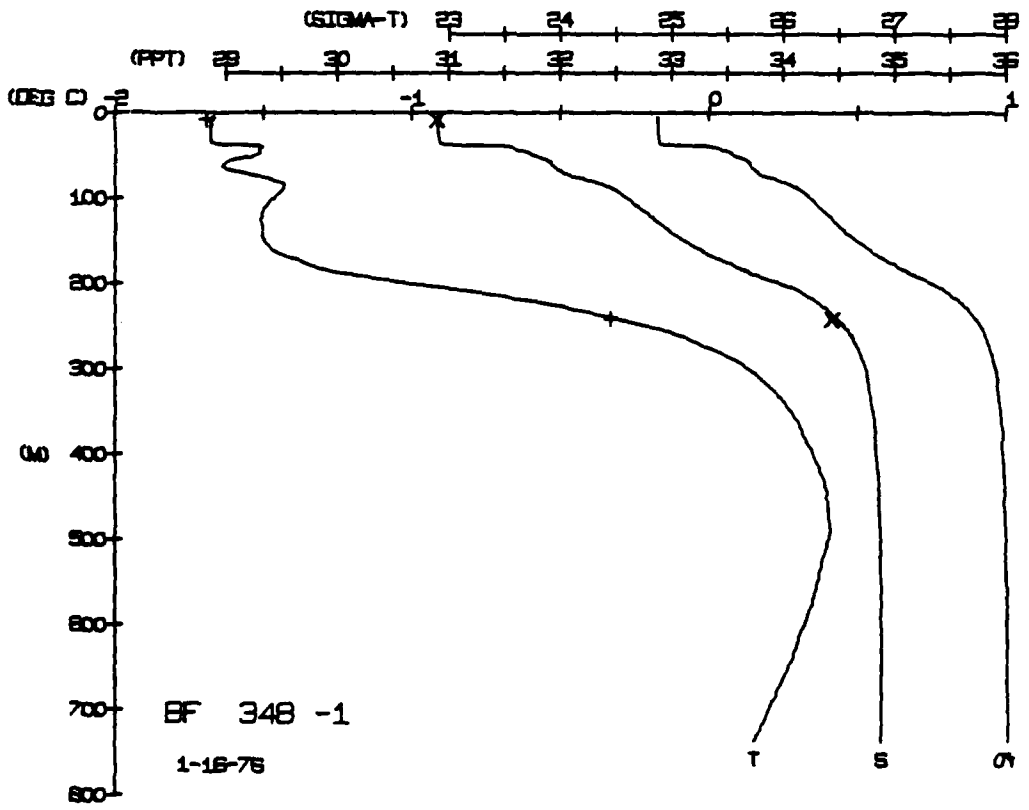
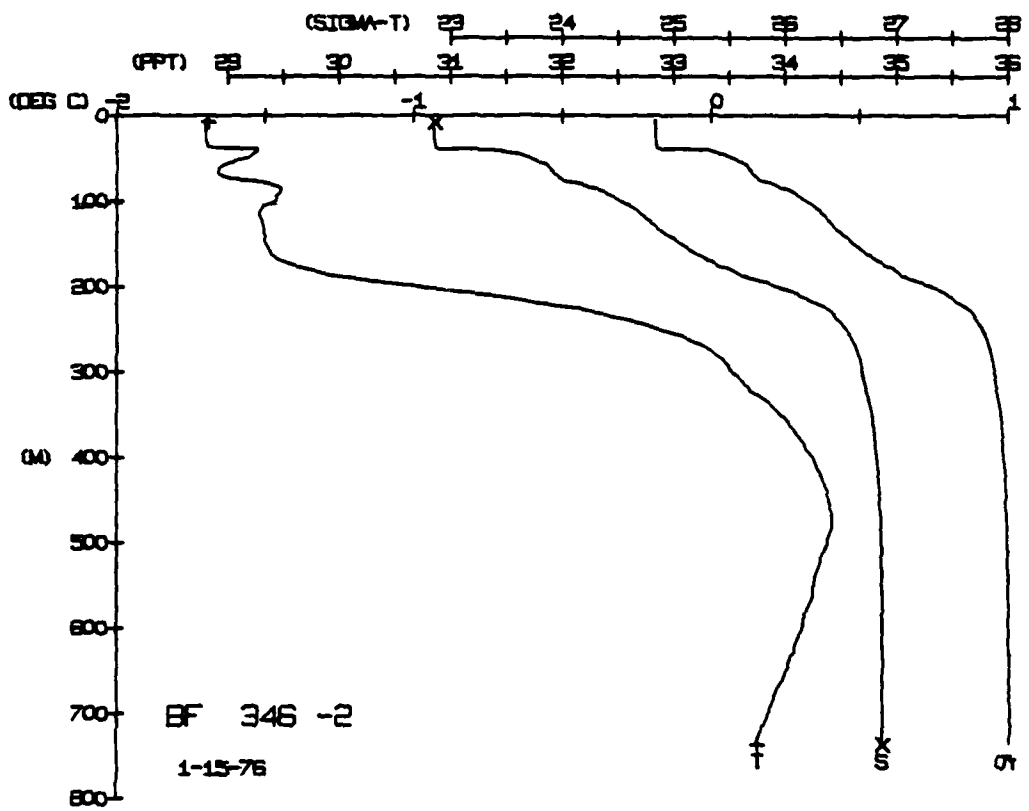
BLUE FOX STATION 346(2) CTD 15/JAN/1976 1808 GMT CODE = 2
 LAT = 73.0333N LNG = 137.2527W LTER = 0 U LGER = 0
 AIR TEMP = -37.8 BARUM = 1001.5 WIND = 165.5 SPEED = 27.3

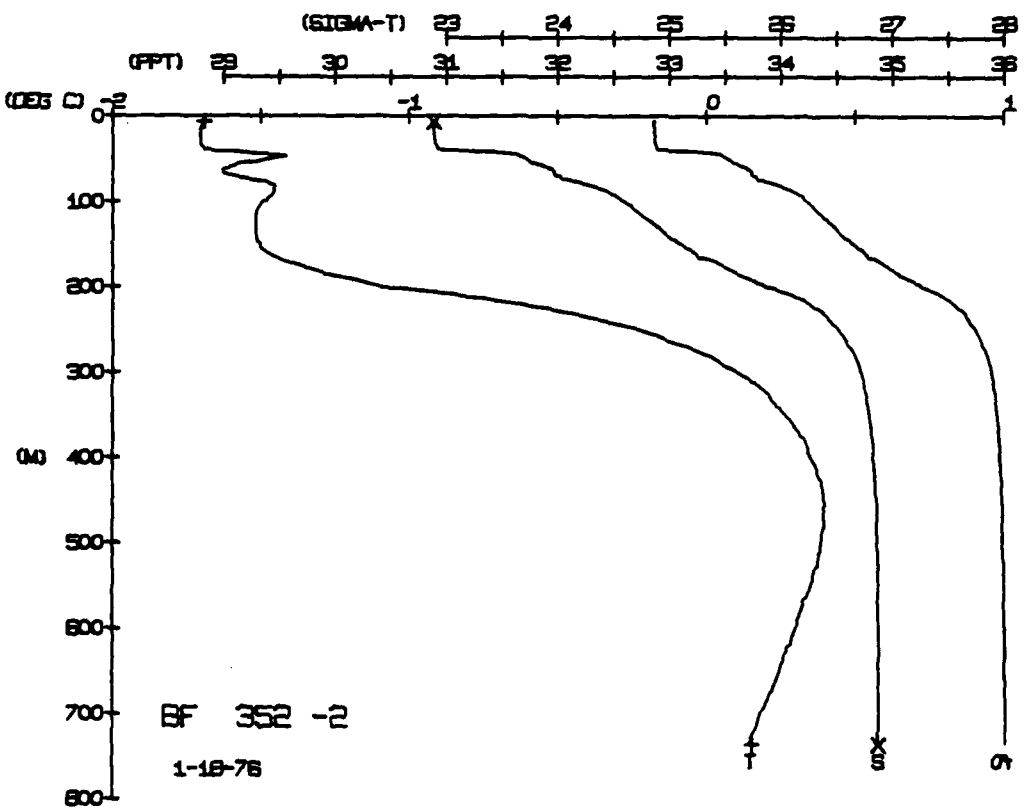
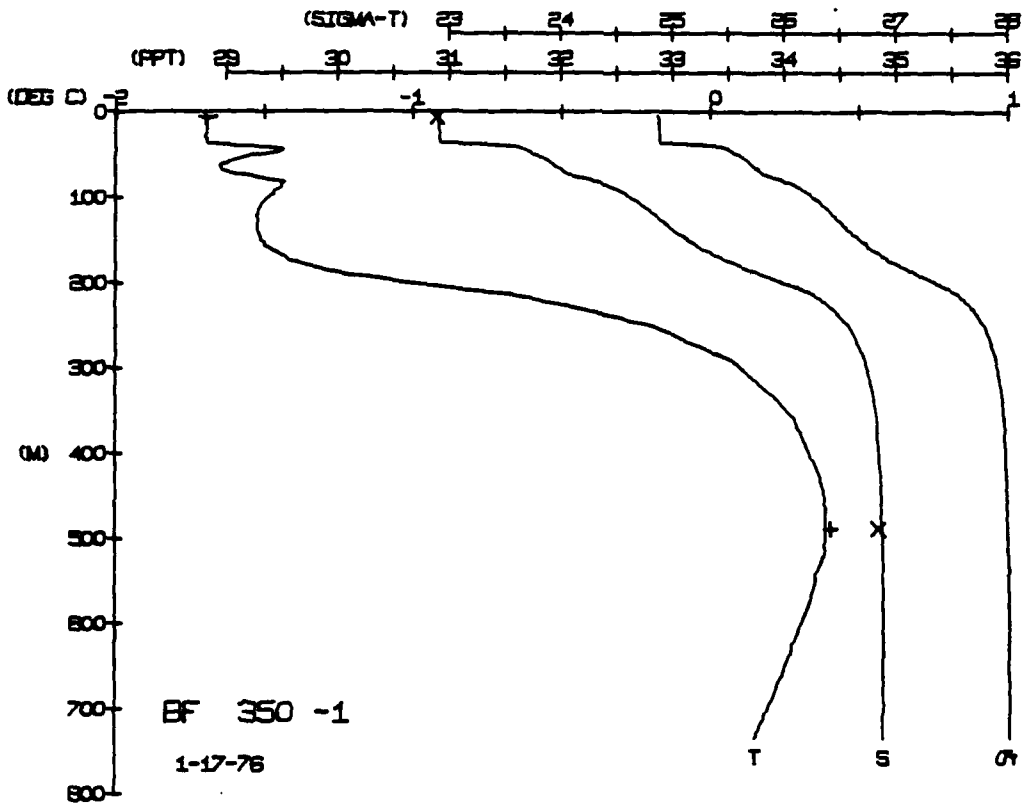
DEPTH	TEMP	PTEMP	SALIN	SIG T	SPVUL	DYHMT	SOUND
0	70	70	30	85	83	0	456
5	70	70	30	85	83	0	535
10	70	70	30	85	83	0	613
15	70	70	30	85	84	0	692
20	70	70	30	85	84	0	770
25	70	70	30	85	84	0	849
30	70	70	30	85	84	0	927
35	70	70	30	85	84	0	1006
40	70	70	30	85	84	0	1084
45	70	70	30	85	84	0	1163
50	70	70	30	85	84	0	1241
55	70	70	30	85	84	0	1320
60	70	70	30	85	84	0	1398
65	70	70	30	85	84	0	1477
70	70	70	30	85	84	0	1555
75	70	70	30	85	84	0	1634
80	70	70	30	85	84	0	1712
85	70	70	30	85	84	0	1791
90	70	70	30	85	84	0	1869
95	70	70	30	85	84	0	1948
100	70	70	30	85	84	0	2026
105	70	70	30	85	84	0	2105
110	70	70	30	85	84	0	2183
115	70	70	30	85	84	0	2262
120	70	70	30	85	84	0	2340
125	70	70	30	85	84	0	2419
130	70	70	30	85	84	0	2497
135	70	70	30	85	84	0	2576
140	70	70	30	85	84	0	2654
145	70	70	30	85	84	0	2733
150	70	70	30	85	84	0	2811
155	70	70	30	85	84	0	2890
160	70	70	30	85	84	0	2968
165	70	70	30	85	84	0	3047
170	70	70	30	85	84	0	3125
175	70	70	30	85	84	0	3204
180	70	70	30	85	84	0	3282
185	70	70	30	85	84	0	3361
190	70	70	30	85	84	0	3439
195	70	70	30	85	84	0	3518
200	70	70	30	85	84	0	3596
205	70	70	30	85	84	0	3675
210	70	70	30	85	84	0	3753
215	70	70	30	85	84	0	3832
220	70	70	30	85	84	0	3910
225	70	70	30	85	84	0	3989
230	70	70	30	85	84	0	4067
235	70	70	30	85	84	0	4146
240	70	70	30	85	84	0	4224
245	70	70	30	85	84	0	4303
250	70	70	30	85	84	0	4381
255	70	70	30	85	84	0	4460
260	70	70	30	85	84	0	4538
265	70	70	30	85	84	0	4617
270	70	70	30	85	84	0	4695
275	70	70	30	85	84	0	4774
280	70	70	30	85	84	0	4852
285	70	70	30	85	84	0	4931
290	70	70	30	85	84	0	5009
295	70	70	30	85	84	0	5088
300	70	70	30	85	84	0	5166
305	70	70	30	85	84	0	5245
310	70	70	30	85	84	0	5323
315	70	70	30	85	84	0	5402
320	70	70	30	85	84	0	5480
325	70	70	30	85	84	0	5559
330	70	70	30	85	84	0	5637
335	70	70	30	85	84	0	5716
340	70	70	30	85	84	0	5794
345	70	70	30	85	84	0	5873
350	70	70	30	85	84	0	5951
355	70	70	30	85	84	0	6030
360	70	70	30	85	84	0	6108
365	70	70	30	85	84	0	6187
370	70	70	30	85	84	0	6265
375	70	70	30	85	84	0	6344
380	70	70	30	85	84	0	6422
385	70	70	30	85	84	0	6501
390	70	70	30	85	84	0	6579
395	70	70	30	85	84	0	6658
400	70	70	30	85	84	0	6736
405	70	70	30	85	84	0	6815
410	70	70	30	85	84	0	6893
415	70	70	30	85	84	0	6972
420	70	70	30	85	84	0	7050
425	70	70	30	85	84	0	7129
430	70	70	30	85	84	0	7207
435	70	70	30	85	84	0	7286
440	70	70	30	85	84	0	7364
445	70	70	30	85	84	0	7443
450	70	70	30	85	84	0	7521
455	70	70	30	85	84	0	7600
460	70	70	30	85	84	0	7678
465	70	70	30	85	84	0	7757
470	70	70	30	85	84	0	7835
475	70	70	30	85	84	0	7914
480	70	70	30	85	84	0	7992
485	70	70	30	85	84	0	8071
490	70	70	30	85	84	0	8149
495	70	70	30	85	84	0	8228
500	70	70	30	85	84	0	8306
505	70	70	30	85	84	0	8385
510	70	70	30	85	84	0	8463
515	70	70	30	85	84	0	8542
520	70	70	30	85	84	0	8620
525	70	70	30	85	84	0	8699
530	70	70	30	85	84	0	8777
535	70	70	30	85	84	0	8856
540	70	70	30	85	84	0	8934
545	70	70	30	85	84	0	9013
550	70	70	30	85	84	0	9091
555	70	70	30	85	84	0	9170
560	70	70	30	85	84	0	9248
565	70	70	30	85	84	0	9327
570	70	70	30	85	84	0	9405
575	70	70	30	85	84	0	9484
580	70	70	30	85	84	0	9562
585	70	70	30	85	84	0	9641
590	70	70	30	85	84	0	9719
595	70	70	30	85	84	0	9798
600	70	70	30	85	84	0	9876
605	70	70	30	85	84	0	9955
610	70	70	30	85	84	0	10033
615	70	70	30	85	84	0	10112
620	70	70	30	85	84	0	10190
625	70	70	30	85	84	0	10269
630	70	70	30	85	84	0	10347
635	70	70	30	85	84	0	10426
640	70	70	30	85	84	0	10504
645	70	70	30	85	84	0	10583
650	70	70	30	85	84	0	10661
655	70	70	30	85	84	0	10740
660	70	70	30	85	84	0	10818
665	70	70	30	85	84	0	10897
670	70	70	30	85	84	0	10975
675	70	70	30	85	84	0	11054
680	70	70	30	85	84	0	11132
685	70	70	30	85	84	0	11211
690	70	70	30	85	84	0	11289
695	70	70	30	85	84	0	11368
700	70	70	30	85	84	0	11446

DEPTH 736.6
 TEMP -1.69
 SALIN 30.86
 SIG T 27.3
 SPVUL 165.5
 DYHMT 27.3
 SOUND 27.3

BLUE FOX STATION 348(1) CTD 16/JAN/1976 1900 GMT CODE = 2
 LAT = 72.9833N LNG = 137.197W LTER = 1 U LGER = 2
 AIR TEMP = -42.3 BARUM = 1016.7 WIND = 270.9 SPEED = 47.1

DEPTH	TEMP	PTEMP	SALIN	SIG T	SPVUL	DYHMT	SOUND
0	67	67	30	90	88	0	357
5	67	67	30	90	88	0	435
10	67	67	30	90	88	0	514
15	67	67	30	90	88	0	592
20	67	67	30	90	88	0	671
25	67	67	30	90	88	0	749
30	67	67	30	90	88	0	828
35	67	67	30	90	88	0	906
40	67	67	30	90	88	0	985
45	67	67	30	90	88	0	1063
50	67	67	30	90	88	0	1142
55	67	67	30	90	88	0	1220
60	67	67	30	90	88	0	1299
65	67	67	30	90	88	0	1377
70	67	67	30	90	88	0	1456
75	67	67	30	90	88	0	1534
80	67	67	30	90	88	0	1613
85	67	67	30	90	88	0	1691
90	67	67	30	90	88	0	1770
95	67	67	30	90	88	0	1848
100	67	67	30	90	88	0	1927
105	67	67	30	90	88	0	2005
110	67	67	30	90	88	0	2084
115	67	67	30	90	88	0	2162
120	67	67	30	90	88	0	2241
125	67	67	30	90	88	0	2319
130	67	67	30	90	88	0	2398
135	67	67	30	90	88	0	2476
140	67	67	30	90	88	0	2555
145	67	67	30	90	88	0	2633
150	67	67	30	90	88	0	2712
155	67	67	30	90	88	0	2790
160	67	67	30	90	88	0	2869
165	67	67	30	90	88	0	2947
170	67	67	30	90	88	0	3026
175	67	67	30	90	88	0	3104
180	67	67	30	90	88	0	3183
185	67	67	30	90	88	0	3261
190	67	67	30	90	88	0	3340
195	67	67	30	90	88	0	3418
200	67	67	30	90	88	0	3497
205	67	67	30	90	88	0	3575
210	67	67	30	90	88	0	3654
215	67	67	30	90	88	0	3732
220	67	67	30	90	88	0	3811
225	67	67	30	90	88	0	3889





BLUE FOX STATION 354(1) CTD 19/JAN/1976 1801 GMT CODE = 2
 LAT = 72.9547N LNG = 137.1539W LTER = 1.6 LGER = 2.2
 AIR TEMP = -43.8 BAROM = 1024.9 WIND = 358.8 SPEED = 30.8

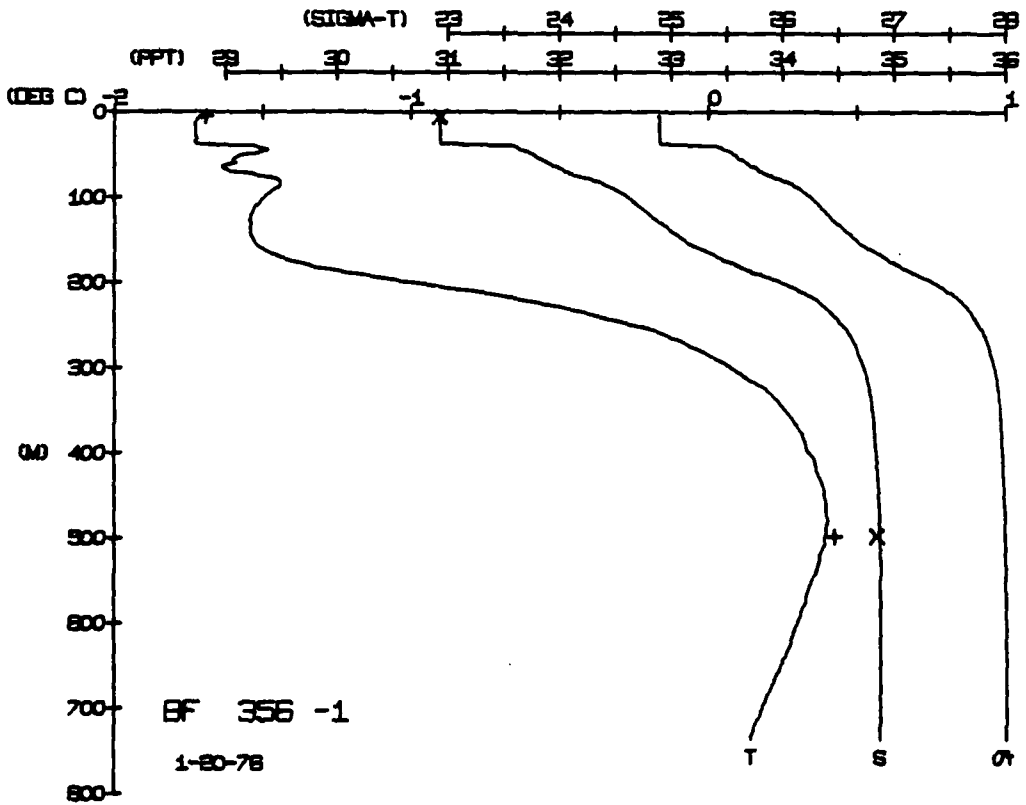
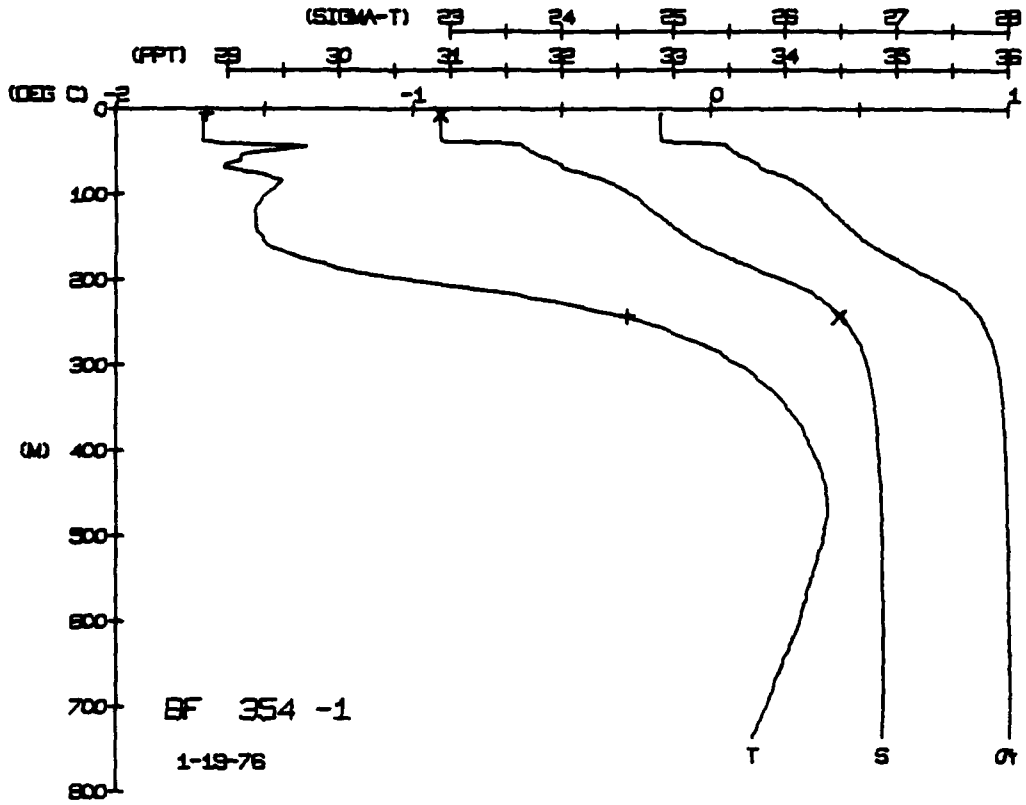
DEPTH	TEMP	TEMP	PTEMP	SALIN	SIG T	SPVUL	DYHHT	SOUND
0	0	0	0	0	0	0	0	0
5	0	0	0	0	0	0	0	0
10	0	0	0	0	0	0	0	0
15	0	0	0	0	0	0	0	0
20	0	0	0	0	0	0	0	0
25	0	0	0	0	0	0	0	0
30	0	0	0	0	0	0	0	0
35	0	0	0	0	0	0	0	0
40	0	0	0	0	0	0	0	0
45	0	0	0	0	0	0	0	0
50	0	0	0	0	0	0	0	0
55	0	0	0	0	0	0	0	0
60	0	0	0	0	0	0	0	0
65	0	0	0	0	0	0	0	0
70	0	0	0	0	0	0	0	0
75	0	0	0	0	0	0	0	0
80	0	0	0	0	0	0	0	0
85	0	0	0	0	0	0	0	0
90	0	0	0	0	0	0	0	0
95	0	0	0	0	0	0	0	0
100	0	0	0	0	0	0	0	0
105	0	0	0	0	0	0	0	0
110	0	0	0	0	0	0	0	0
115	0	0	0	0	0	0	0	0
120	0	0	0	0	0	0	0	0
125	0	0	0	0	0	0	0	0
130	0	0	0	0	0	0	0	0
135	0	0	0	0	0	0	0	0
140	0	0	0	0	0	0	0	0
145	0	0	0	0	0	0	0	0
150	0	0	0	0	0	0	0	0
155	0	0	0	0	0	0	0	0
160	0	0	0	0	0	0	0	0
165	0	0	0	0	0	0	0	0
170	0	0	0	0	0	0	0	0
175	0	0	0	0	0	0	0	0
180	0	0	0	0	0	0	0	0
185	0	0	0	0	0	0	0	0
190	0	0	0	0	0	0	0	0
195	0	0	0	0	0	0	0	0
200	0	0	0	0	0	0	0	0
205	0	0	0	0	0	0	0	0
210	0	0	0	0	0	0	0	0
215	0	0	0	0	0	0	0	0
220	0	0	0	0	0	0	0	0
225	0	0	0	0	0	0	0	0
230	0	0	0	0	0	0	0	0
235	0	0	0	0	0	0	0	0
240	0	0	0	0	0	0	0	0
245	0	0	0	0	0	0	0	0
250	0	0	0	0	0	0	0	0
255	0	0	0	0	0	0	0	0
260	0	0	0	0	0	0	0	0
265	0	0	0	0	0	0	0	0
270	0	0	0	0	0	0	0	0
275	0	0	0	0	0	0	0	0
280	0	0	0	0	0	0	0	0
285	0	0	0	0	0	0	0	0
290	0	0	0	0	0	0	0	0
295	0	0	0	0	0	0	0	0
300	0	0	0	0	0	0	0	0

ROT NUM = 1
 HUT NUM = 2
 DEPTH 5.6 242.8
 TEMP -1.70 -0.28
 SALIN 30.92 34.49

BLUE FOX STATION 356(1) CTD 20/JAN/1976 1800 GMT CODE = 2
 LAT = 72.9539N LNG = 137.0647W LTER = 0 LGER = 0
 AIR TEMP = -35.8 BAROM = 1031.4 WIND = 263.2 SPEED = 54.9

DEPTH	TEMP	TEMP	PTEMP	SALIN	SIG T	SPVUL	DYHHT	SOUND
0	0	0	0	0	0	0	0	0
5	0	0	0	0	0	0	0	0
10	0	0	0	0	0	0	0	0
15	0	0	0	0	0	0	0	0
20	0	0	0	0	0	0	0	0
25	0	0	0	0	0	0	0	0
30	0	0	0	0	0	0	0	0
35	0	0	0	0	0	0	0	0
40	0	0	0	0	0	0	0	0
45	0	0	0	0	0	0	0	0
50	0	0	0	0	0	0	0	0
55	0	0	0	0	0	0	0	0
60	0	0	0	0	0	0	0	0
65	0	0	0	0	0	0	0	0
70	0	0	0	0	0	0	0	0
75	0	0	0	0	0	0	0	0
80	0	0	0	0	0	0	0	0
85	0	0	0	0	0	0	0	0
90	0	0	0	0	0	0	0	0
95	0	0	0	0	0	0	0	0
100	0	0	0	0	0	0	0	0
105	0	0	0	0	0	0	0	0
110	0	0	0	0	0	0	0	0
115	0	0	0	0	0	0	0	0
120	0	0	0	0	0	0	0	0
125	0	0	0	0	0	0	0	0
130	0	0	0	0	0	0	0	0
135	0	0	0	0	0	0	0	0
140	0	0	0	0	0	0	0	0
145	0	0	0	0	0	0	0	0
150	0	0	0	0	0	0	0	0
155	0	0	0	0	0	0	0	0
160	0	0	0	0	0	0	0	0
165	0	0	0	0	0	0	0	0
170	0	0	0	0	0	0	0	0
175	0	0	0	0	0	0	0	0
180	0	0	0	0	0	0	0	0
185	0	0	0	0	0	0	0	0
190	0	0	0	0	0	0	0	0
195	0	0	0	0	0	0	0	0
200	0	0	0	0	0	0	0	0
205	0	0	0	0	0	0	0	0
210	0	0	0	0	0	0	0	0
215	0	0	0	0	0	0	0	0
220	0	0	0	0	0	0	0	0
225	0	0	0	0	0	0	0	0
230	0	0	0	0	0	0	0	0
235	0	0	0	0	0	0	0	0
240	0	0	0	0	0	0	0	0
245	0	0	0	0	0	0	0	0
250	0	0	0	0	0	0	0	0
255	0	0	0	0	0	0	0	0
260	0	0	0	0	0	0	0	0
265	0	0	0	0	0	0	0	0
270	0	0	0	0	0	0	0	0
275	0	0	0	0	0	0	0	0
280	0	0	0	0	0	0	0	0
285	0	0	0	0	0	0	0	0
290	0	0	0	0	0	0	0	0
295	0	0	0	0	0	0	0	0
300	0	0	0	0	0	0	0	0

ROT NUM = 1
 HUT NUM = 2
 DEPTH 5.4 496.4
 TEMP -1.69 -0.43
 SALIN 30.92 34.86



BLUE FOX STATION 360(1) CTD 22/JAN/1976 1800 GMT CODE = 2
 LAT = 72.9235N LNG = 137.224W LTER = 1 LGER = 2
 AIR TEMP = -37.5 BAROM = 1020.0 WIND = 297.5 SPEED = 21.4

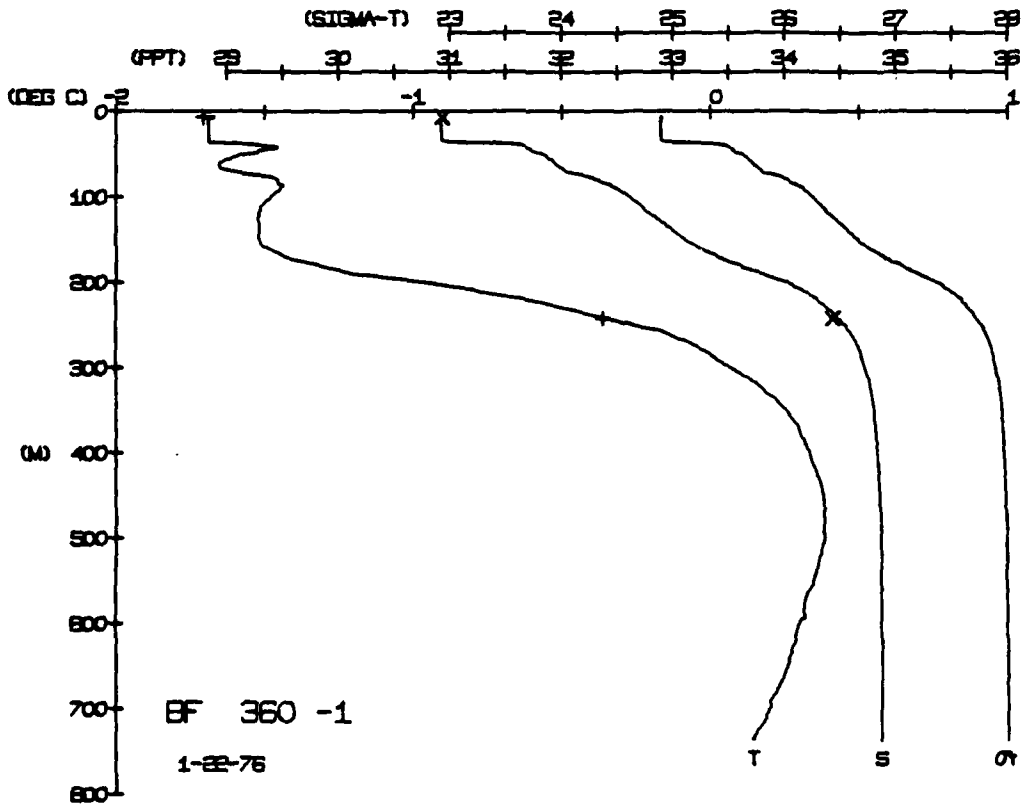
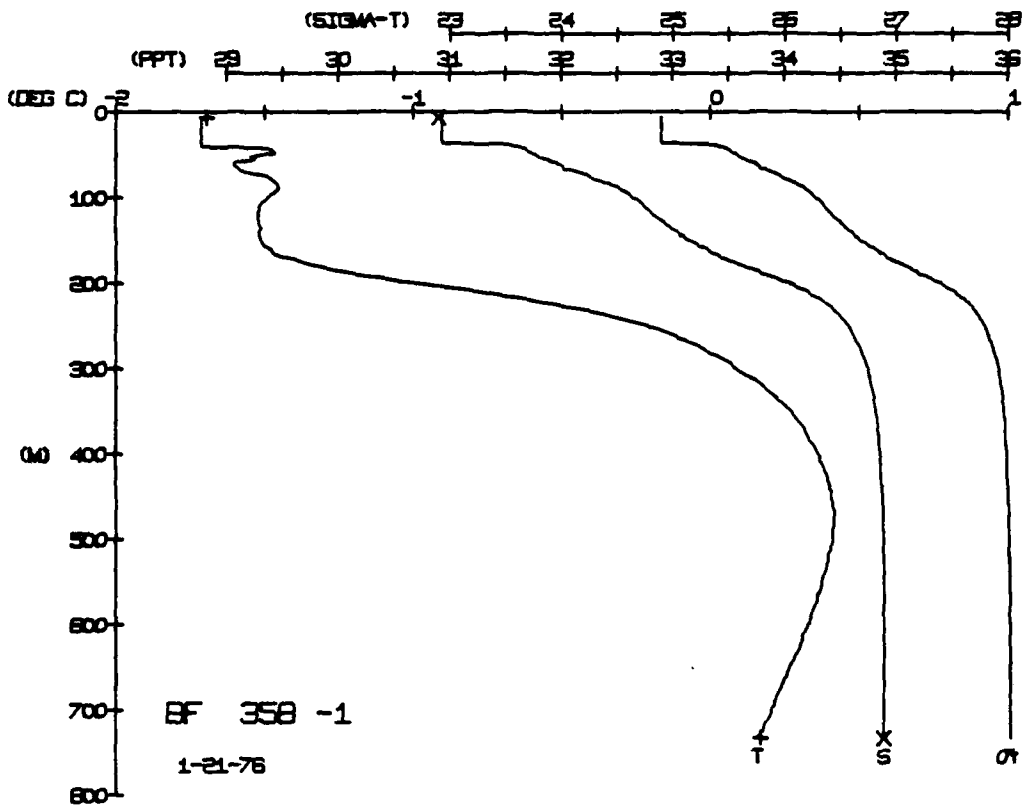
BLUE FOX STATION 358(1) CTD 21/JAN/1976 1801 GMT CODE = 2
 LAT = 72.9412N LNG = 137.0880W LTER = 0 LGER = 0
 AIR TEMP = -35.8 BAROM = 1029.2 WIND = 263.2 SPEED = 54.6

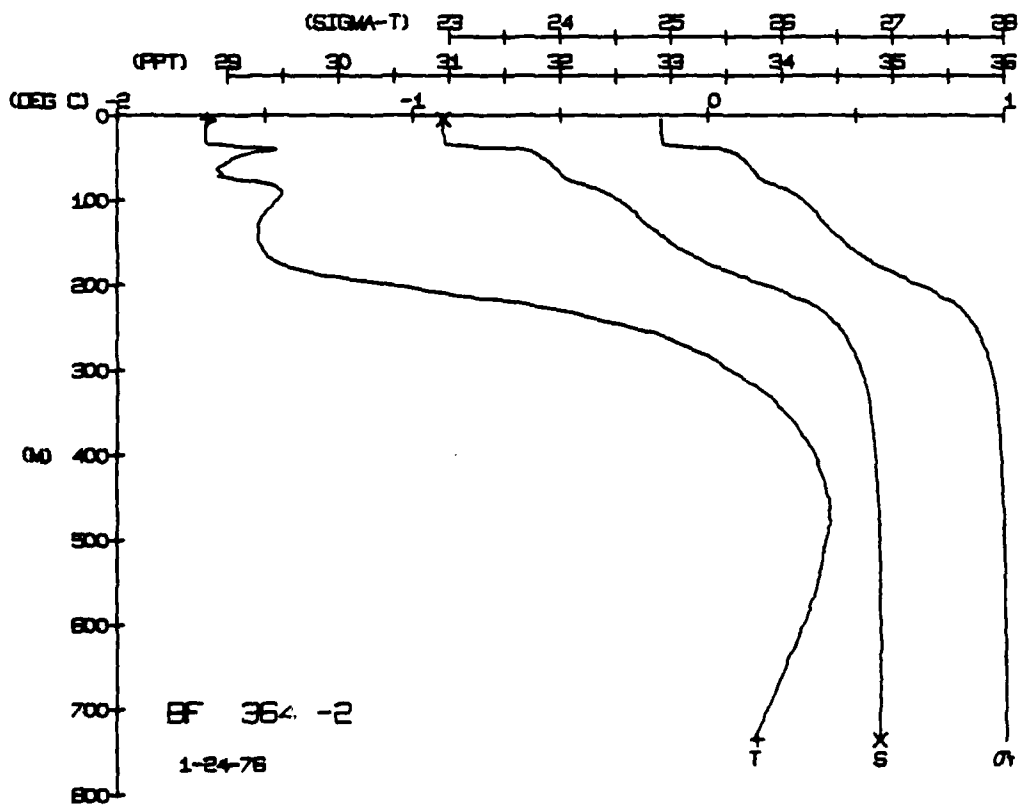
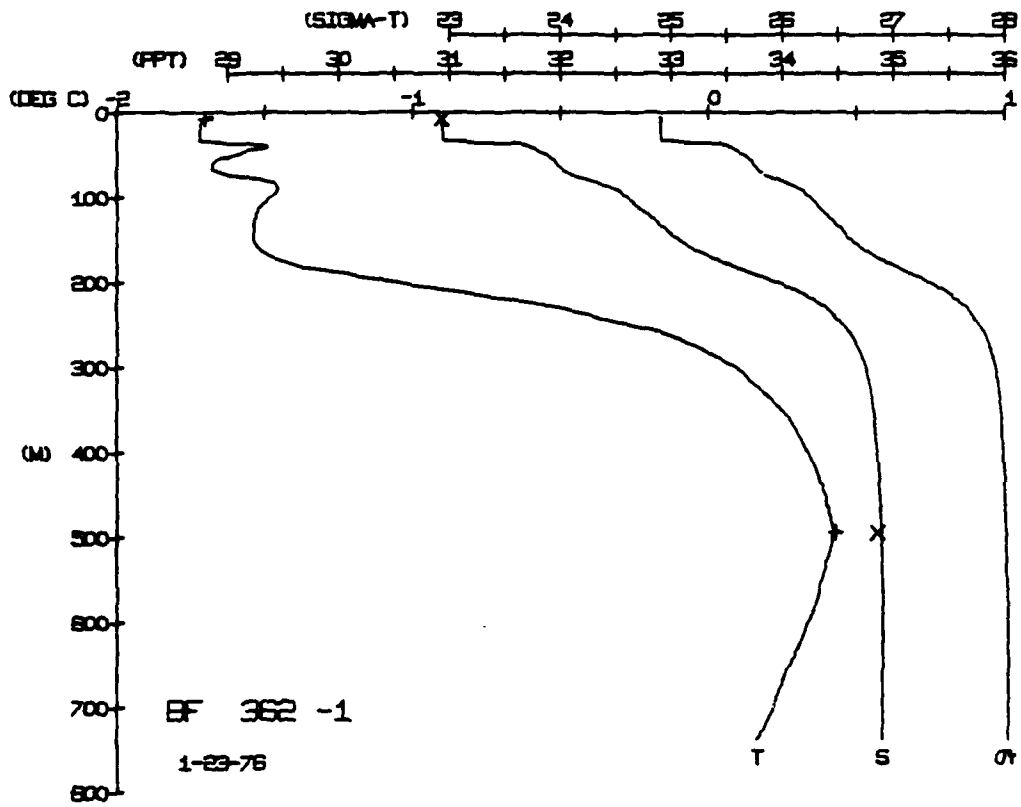
DEPTH	TEMP	PIEMP	SALIN	SIG T	SPVOL	DYHMT	SOUND
0.0	67	1.67	30.92	24.89	307.3	0.005	1435.7
0.5	67	1.67	30.92	24.89	307.2	0.010	1435.8
1.0	69	1.69	30.92	24.89	307.2	0.021	1435.8
1.5	69	1.69	30.92	24.89	306.9	0.031	1435.9
2.0	69	1.69	30.92	24.89	306.9	0.042	1435.9
2.5	69	1.69	30.92	24.89	306.9	0.052	1435.9
3.0	69	1.69	30.92	24.89	306.9	0.062	1435.9
3.5	69	1.69	30.92	24.89	306.9	0.072	1435.9
4.0	69	1.69	30.92	24.89	306.9	0.082	1435.9
4.5	69	1.69	30.92	24.89	306.9	0.092	1435.9
5.0	69	1.69	30.92	24.89	306.9	0.102	1435.9
5.5	69	1.69	30.92	24.89	306.9	0.112	1435.9
6.0	69	1.69	30.92	24.89	306.9	0.122	1435.9
6.5	69	1.69	30.92	24.89	306.9	0.132	1435.9
7.0	69	1.69	30.92	24.89	306.9	0.142	1435.9
7.5	69	1.69	30.92	24.89	306.9	0.152	1435.9
8.0	69	1.69	30.92	24.89	306.9	0.162	1435.9
8.5	69	1.69	30.92	24.89	306.9	0.172	1435.9
9.0	69	1.69	30.92	24.89	306.9	0.182	1435.9
9.5	69	1.69	30.92	24.89	306.9	0.192	1435.9
10.0	69	1.69	30.92	24.89	306.9	0.202	1435.9
10.5	69	1.69	30.92	24.89	306.9	0.212	1435.9
11.0	69	1.69	30.92	24.89	306.9	0.222	1435.9
11.5	69	1.69	30.92	24.89	306.9	0.232	1435.9
12.0	69	1.69	30.92	24.89	306.9	0.242	1435.9
12.5	69	1.69	30.92	24.89	306.9	0.252	1435.9
13.0	69	1.69	30.92	24.89	306.9	0.262	1435.9
13.5	69	1.69	30.92	24.89	306.9	0.272	1435.9
14.0	69	1.69	30.92	24.89	306.9	0.282	1435.9
14.5	69	1.69	30.92	24.89	306.9	0.292	1435.9
15.0	69	1.69	30.92	24.89	306.9	0.302	1435.9
15.5	69	1.69	30.92	24.89	306.9	0.312	1435.9
16.0	69	1.69	30.92	24.89	306.9	0.322	1435.9
16.5	69	1.69	30.92	24.89	306.9	0.332	1435.9
17.0	69	1.69	30.92	24.89	306.9	0.342	1435.9
17.5	69	1.69	30.92	24.89	306.9	0.352	1435.9
18.0	69	1.69	30.92	24.89	306.9	0.362	1435.9
18.5	69	1.69	30.92	24.89	306.9	0.372	1435.9
19.0	69	1.69	30.92	24.89	306.9	0.382	1435.9
19.5	69	1.69	30.92	24.89	306.9	0.392	1435.9
20.0	69	1.69	30.92	24.89	306.9	0.402	1435.9
20.5	69	1.69	30.92	24.89	306.9	0.412	1435.9
21.0	69	1.69	30.92	24.89	306.9	0.422	1435.9
21.5	69	1.69	30.92	24.89	306.9	0.432	1435.9
22.0	69	1.69	30.92	24.89	306.9	0.442	1435.9
22.5	69	1.69	30.92	24.89	306.9	0.452	1435.9
23.0	69	1.69	30.92	24.89	306.9	0.462	1435.9
23.5	69	1.69	30.92	24.89	306.9	0.472	1435.9
24.0	69	1.69	30.92	24.89	306.9	0.482	1435.9
24.5	69	1.69	30.92	24.89	306.9	0.492	1435.9
25.0	69	1.69	30.92	24.89	306.9	0.502	1435.9
25.5	69	1.69	30.92	24.89	306.9	0.512	1435.9
26.0	69	1.69	30.92	24.89	306.9	0.522	1435.9
26.5	69	1.69	30.92	24.89	306.9	0.532	1435.9
27.0	69	1.69	30.92	24.89	306.9	0.542	1435.9
27.5	69	1.69	30.92	24.89	306.9	0.552	1435.9
28.0	69	1.69	30.92	24.89	306.9	0.562	1435.9
28.5	69	1.69	30.92	24.89	306.9	0.572	1435.9
29.0	69	1.69	30.92	24.89	306.9	0.582	1435.9
29.5	69	1.69	30.92	24.89	306.9	0.592	1435.9
30.0	69	1.69	30.92	24.89	306.9	0.602	1435.9
30.5	69	1.69	30.92	24.89	306.9	0.612	1435.9
31.0	69	1.69	30.92	24.89	306.9	0.622	1435.9
31.5	69	1.69	30.92	24.89	306.9	0.632	1435.9
32.0	69	1.69	30.92	24.89	306.9	0.642	1435.9
32.5	69	1.69	30.92	24.89	306.9	0.652	1435.9
33.0	69	1.69	30.92	24.89	306.9	0.662	1435.9
33.5	69	1.69	30.92	24.89	306.9	0.672	1435.9
34.0	69	1.69	30.92	24.89	306.9	0.682	1435.9
34.5	69	1.69	30.92	24.89	306.9	0.692	1435.9
35.0	69	1.69	30.92	24.89	306.9	0.702	1435.9
35.5	69	1.69	30.92	24.89	306.9	0.712	1435.9
36.0	69	1.69	30.92	24.89	306.9	0.722	1435.9
36.5	69	1.69	30.92	24.89	306.9	0.732	1435.9
37.0	69	1.69	30.92	24.89	306.9	0.742	1435.9
37.5	69	1.69	30.92	24.89	306.9	0.752	1435.9
38.0	69	1.69	30.92	24.89	306.9	0.762	1435.9
38.5	69	1.69	30.92	24.89	306.9	0.772	1435.9
39.0	69	1.69	30.92	24.89	306.9	0.782	1435.9
39.5	69	1.69	30.92	24.89	306.9	0.792	1435.9
40.0	69	1.69	30.92	24.89	306.9	0.802	1435.9
40.5	69	1.69	30.92	24.89	306.9	0.812	1435.9
41.0	69	1.69	30.92	24.89	306.9	0.822	1435.9
41.5	69	1.69	30.92	24.89	306.9	0.832	1435.9
42.0	69	1.69	30.92	24.89	306.9	0.842	1435.9
42.5	69	1.69	30.92	24.89	306.9	0.852	1435.9
43.0	69	1.69	30.92	24.89	306.9	0.862	1435.9
43.5	69	1.69	30.92	24.89	306.9	0.872	1435.9
44.0	69	1.69	30.92	24.89	306.9	0.882	1435.9
44.5	69	1.69	30.92	24.89	306.9	0.892	1435.9
45.0	69	1.69	30.92	24.89	306.9	0.902	1435.9
45.5	69	1.69	30.92	24.89	306.9	0.912	1435.9
46.0	69	1.69	30.92	24.89	306.9	0.922	1435.9
46.5	69	1.69	30.92	24.89	306.9	0.932	1435.9
47.0	69	1.69	30.92	24.89	306.9	0.942	1435.9
47.5	69	1.69	30.92	24.89	306.9	0.952	1435.9
48.0	69	1.69	30.92	24.89	306.9	0.962	1435.9
48.5	69	1.69	30.92	24.89	306.9	0.972	1435.9
49.0	69	1.69	30.92	24.89	306.9	0.982	1435.9
49.5	69	1.69	30.92	24.89	306.9	0.992	1435.9
50.0	69	1.69	30.92	24.89	306.9	1.002	1435.9

DEPTH 6.5
 TEMP. -1.71
 SALIN 30.93
 SIG T 241.6
 SPVOL 241.6
 DYMHT 34.44
 SOUND 34.44

BLUE FOX STATION 358(1) CTD 21/JAN/1976 1801 GMT CODE = 2
 LAT = 72.9412N LNG = 137.0880W LTER = 0 LGER = 0
 AIR TEMP = -35.8 BAROM = 1029.2 WIND = 263.2 SPEED = 54.6

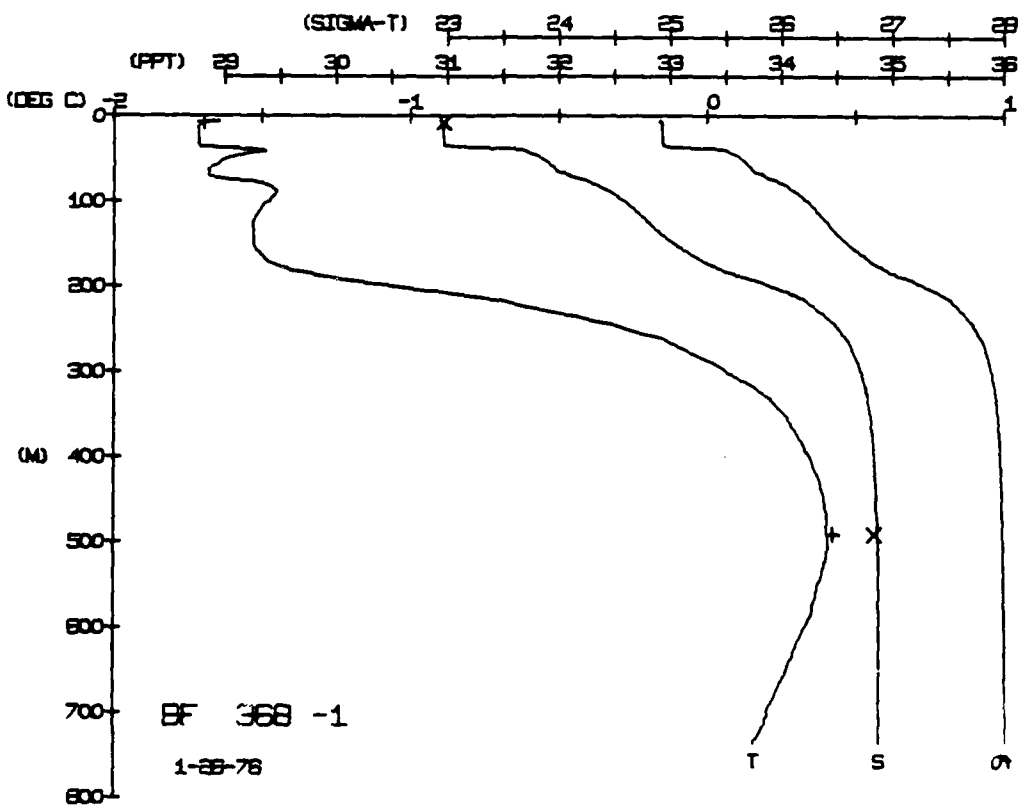
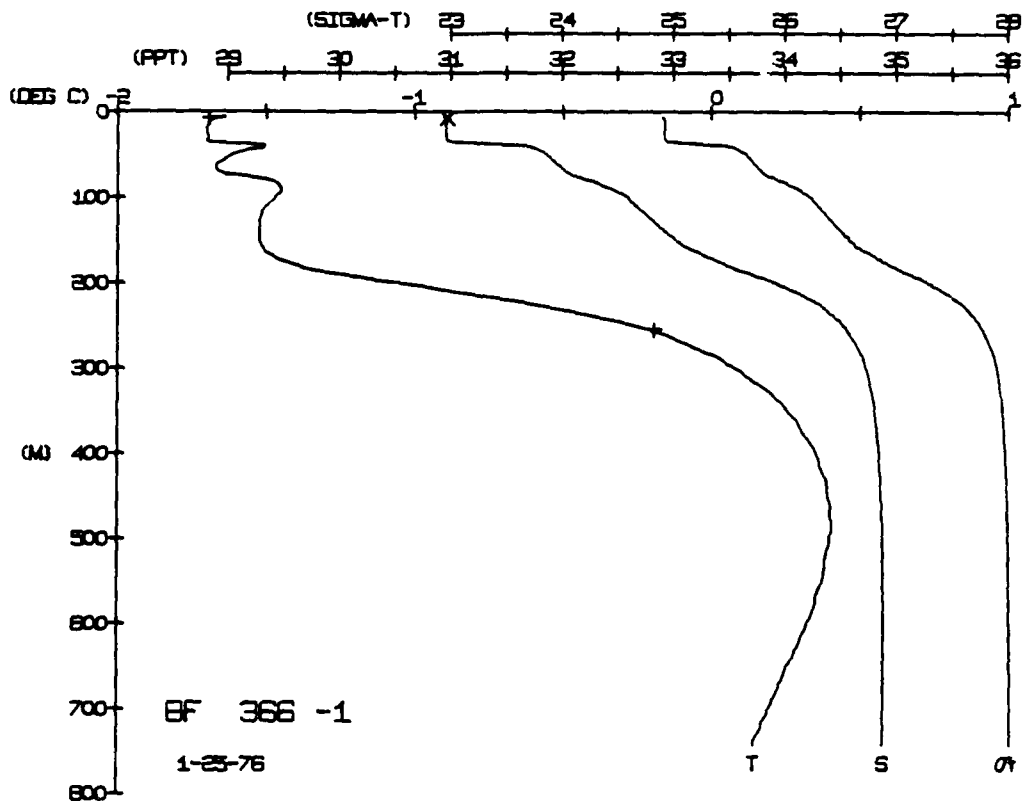
DEPTH	TEMP	PIEMP	SALIN	SIG T	SPVOL	DYHMT	SOUND
0.0	67	1.67	30.92	24.89	306.8	0.000	1445.7
0.5	67	1.67	30.92	24.89	306.8	0.015	1445.7
1.0	69	1.69	30.92	24.89	306.8	0.030	1445.7
1.5	69	1.69	30.92	24.89	306.7	0.045	1445.7
2.0	69	1.69	30.92	24.89	306.7	0.060	1445.7
2.5	69	1.69	30.92	24.89	306.7	0.075	1445.7
3.0	69	1.69	30.92	24.89	306.7	0.090	1445.7
3.5	69	1.69	30.92	24.89	306.7	0.105	1445.7
4.0	69	1.69	30.92	24.89	306.7	0.120	1445.7
4.5	69	1.69	30.92	24.89	306.7	0.135	1445.7
5.0	69	1.69	30.92	24.89	306.7	0.150	1445.7
5.5	69	1.69	30.92	24.89	306.7	0.165	1445.7
6.0	69	1.69	30.92	24.89	306.7	0.180	1445.7
6.5	69	1.69	30.92	24.89	306.7	0.195	1445.7
7.0	69	1.69	30.92	24.89	306.7	0.210	1445.7
7.5	69	1.69	30.92	24.89	306.7	0.225	1445.7
8.0	69	1.69	30.92	24.89	306.7	0.240	1445.7
8.5	69	1.69	30.92	24.89	306.7	0.255	1445.7
9.0	69	1.69	30.92	24.89	306.7	0.270	1445.7
9.5	69	1.69	30.92	24.89	306.7	0.285	1445.7
10.0	69	1.69	30.92	24.89	306.7	0.300	1445.7
10.5	69	1.69	30.92	24.89	306.7	0.315	1445.7
11.0	69	1.69	30.92	24.89	306.7	0.330	1445.7
11.5	69	1.69	30.92	24.89	306.7	0.345	1445.7
12.0	69	1.69	30.92	24.89	306.7	0.360	1445.7
12.5	69	1.69	30.92	24.89	306.7	0.375	1445.7
13.0	69	1.69	30.92	24.89	306.7	0.390	1445.7
13.5	69	1.69	30.92	24.89	306.7	0.405	1445.7
14.0	69	1.69	30.92	24.89	306.7	0.420	1445.7
14.5	69	1.69	30.92	24.89	306.7	0.435	1445.7
15.0	69	1.69	30.92	24.89	306.7	0.450	1445.7
15.5	69	1.69	30.92	24.89	306.7	0.465	1445.7
16.0	69	1.69	30.92	24.89	306.7	0.480	1445.7
16.5	69	1.69	30.92	24.89	306.7	0.495	1445.7
17.0	69	1.69	30.92	24.89	306.7	0.510	1445.7
17.5	69	1.69	30.92	24.89	306.7	0.525	1445.7
18.0	69	1.69	30.92	24.89	306.7	0.540	1445.7
18.5	69	1.69	30.92	24.89	306.7	0.555	1445.7
19.0	69	1.69	30.92	24.89	306.7	0.570	1445.7
19.5	69	1.69	30.92	24.89	306.7	0.585	1445.7
20.0	69	1.69	30.92	24.89	306.7	0.600	1445.7
20.5	69	1.69	30.92	24.89	306.7	0.615	1445.7
21.0	69	1.69	30.92	24.89	306.7		





BLUE FOX STATION 366(1) CTU 25/JAN/1976 1801 GMT CODE = 2
LAT = 72.8872N LNG = 137.1693W LIGER = 0
AIR TEMP = -34.8 BAROM = 1019.1 WIND = 253.3 SPEED = 53.9

DEPTH	TEMP	PTEMP	SALIN	SIG T	SPVUL	DYNHT	SOUND
0	4	4	30.00	0	0	0	1435
5	4	4	30.00	0	0	0	1435
10	4	4	30.00	0	0	0	1435
15	4	4	30.00	0	0	0	1435
20	4	4	30.00	0	0	0	1435
25	4	4	30.00	0	0	0	1435
30	4	4	30.00	0	0	0	1435
35	4	4	30.00	0	0	0	1435
40	4	4	30.00	0	0	0	1435
45	4	4	30.00	0	0	0	1435
50	4	4	30.00	0	0	0	1435
55	4	4	30.00	0	0	0	1435
60	4	4	30.00	0	0	0	1435
65	4	4	30.00	0	0	0	1435
70	4	4	30.00	0	0	0	1435
75	4	4	30.00	0	0	0	1435
80	4	4	30.00	0	0	0	1435
85	4	4	30.00	0	0	0	1435
90	4	4	30.00	0	0	0	1435
95	4	4	30.00	0	0	0	1435
100	4	4	30.00	0	0	0	1435
105	4	4	30.00	0	0	0	1435
110	4	4	30.00	0	0	0	1435
115	4	4	30.00	0	0	0	1435
120	4	4	30.00	0	0	0	1435
125	4	4	30.00	0	0	0	1435
130	4	4	30.00	0	0	0	1435
135	4	4	30.00	0	0	0	1435
140	4	4	30.00	0	0	0	1435
145	4	4	30.00	0	0	0	1435
150	4	4	30.00	0	0	0	1435
155	4	4	30.00	0	0	0	1435
160	4	4	30.00	0	0	0	1435
165	4	4	30.00	0	0	0	1435
170	4	4	30.00	0	0	0	1435
175	4	4	30.00	0	0	0	1435
180	4	4	30.00	0	0	0	1435
185	4	4	30.00	0	0	0	1435
190	4	4	30.00	0	0	0	1435
195	4	4	30.00	0	0	0	1435
200	4	4	30.00	0	0	0	1435
205	4	4	30.00	0	0	0	1435
210	4	4	30.00	0	0	0	1435
215	4	4	30.00	0	0	0	1435
220	4	4	30.00	0	0	0	1435
225	4	4	30.00	0	0	0	1435
230	4	4	30.00	0	0	0	1435
235	4	4	30.00	0	0	0	1435
240	4	4	30.00	0	0	0	1435
245	4	4	30.00	0	0	0	1435
250	4	4	30.00	0	0	0	1435
255	4	4	30.00	0	0	0	1435
260	4	4	30.00	0	0	0	1435
265	4	4	30.00	0	0	0	1435
270	4	4	30.00	0	0	0	1435
275	4	4	30.00	0	0	0	1435
280	4	4	30.00	0	0	0	1435
285	4	4	30.00	0	0	0	1435
290	4	4	30.00	0	0	0	1435
295	4	4	30.00	0	0	0	1435
300	4	4	30.00	0	0	0	1435
305	4	4	30.00	0	0	0	1435
310	4	4	30.00	0	0	0	1435
315	4	4	30.00	0	0	0	1435
320	4	4	30.00	0	0	0	1435
325	4	4	30.00	0	0	0	1435
330	4	4	30.00	0	0	0	1435
335	4	4	30.00	0	0	0	1435
340	4	4	30.00	0	0	0	1435
345	4	4	30.00	0	0	0	1435
350	4	4	30.00	0	0	0	1435
355	4	4	30.00	0	0	0	1435
360	4	4	30.00	0	0	0	1435
365	4	4	30.00	0	0	0	1435
370	4	4	30.00	0	0	0	1435
375	4	4	30.00	0	0	0	1435
380	4	4	30.00	0	0	0	1435
385	4	4	30.00	0	0	0	1435
390	4	4	30.00	0	0	0	1435
395	4	4	30.00	0	0	0	1435
400	4	4	30.00	0	0	0	1435
405	4	4	30.00	0	0	0	1435
410	4	4	30.00	0	0	0	1435
415	4	4	30.00	0	0	0	1435
420	4	4	30.00	0	0	0	1435
425	4	4	30.00	0	0	0	1435
430	4	4	30.00	0	0	0	1435
435	4	4	30.00	0	0	0	1435
440	4	4	30.00	0	0	0	1435
445	4	4	30.00	0	0	0	1435
450	4	4	30.00	0	0	0	1435
455	4	4	30.00	0	0	0	1435
460	4	4	30.00	0	0	0	1435
465	4	4	30.00	0	0	0	1435
470	4	4	30.00	0	0	0	1435
475	4	4	30.00	0	0	0	1435
480	4	4	30.00	0	0	0	1435
485	4	4	30.00	0	0	0	1435
490	4	4	30.00	0	0	0	1435
495	4	4	30.00	0	0	0	1435
500	4	4	30.00	0	0	0	1435
505	4	4	30.00	0	0	0	1435
510	4	4	30.00	0	0	0	1435
515	4	4	30.00	0	0	0	1435
520	4	4	30.00	0	0	0	1435
525	4	4	30.00	0	0	0	1435
530	4	4	30.00	0	0	0	1435
535	4	4	30.00	0	0	0	1435
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560	4	4	30.00	0	0	0	1435
565	4	4	30.00	0	0	0	1435
570	4	4	30.00	0	0	0	1435
575	4	4	30.00	0	0	0	1435
580	4	4	30.00	0	0	0	1435
585	4	4	30.00	0	0	0	1435
590	4	4	30.00	0	0	0	1435
595	4	4	30.00	0	0	0	1435
600	4	4	30.00	0	0	0	1435
605	4	4	30.00	0	0	0	1435
610	4	4	30.00	0	0	0	1435
615	4	4	30.00	0	0	0	1435
620	4	4	30.00	0	0	0	1435
625	4	4	30.00	0	0	0	1435
630	4	4	30.00	0	0	0	1435
635	4	4	30.00	0	0	0	1435
640	4	4	30.00	0	0	0	1435
645	4	4	30.00	0	0	0	1435
650	4	4	30.00	0	0	0	1435
655	4	4	30.00	0	0	0	1435
660	4	4	30.00	0	0	0	1435
665	4	4	30.00	0	0	0	1435
670	4	4	30.00	0	0	0	1435
675	4	4	30.00	0	0	0	1435
680	4	4	30.00	0	0	0	1435
685	4	4	30.00	0	0	0	1435
690	4	4	30.00	0	0	0	1435
695	4	4	30.00	0	0	0	1435
700	4	4	30.00	0	0	0	1435
705	4	4	30.00	0	0	0	1435
710	4	4	30.00	0	0	0	1435
715	4	4	30.00	0	0	0	1435
720	4	4	30.00	0	0	0	1435
725	4	4	30.00	0	0	0	1435
730	4	4	30.00	0	0	0	1435
735	4	4	30.00	0	0	0	1435
740	4	4	30.00	0	0	0	1435
745	4	4	30.00	0	0	0	1435
750	4	4	30.00	0	0	0	1435
755	4	4	30.00	0	0	0	1435
760	4	4	30.00	0	0	0	1435
765	4	4	30.00	0	0	0	1435
770	4	4	30.00	0	0	0	1435
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780	4	4	30.00	0	0	0	1435
785	4	4	30.00	0	0	0	1435
790	4	4	30.00	0	0	0	1435
795	4	4	30.00	0	0	0	1435
800	4	4	30.00	0	0	0	1435
805	4	4	30.00	0	0	0	1435
810	4	4	30.00	0	0	0	1435
815	4	4	30.00	0	0	0	1435
820	4	4	30.00	0	0	0	1435
825	4	4	30.00	0	0	0	1435
830	4	4	30.00	0	0	0	1435
835	4	4	30.00	0	0	0	1435
840	4	4	30.00	0	0	0	1435
845	4	4	30.00	0	0	0	1435
850	4	4	30.00	0	0	0	1435
855	4	4	30.00	0	0	0	1435
860	4	4	30.00	0	0	0	1435
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870	4	4	30.00	0	0	0	1435
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885	4	4	30.00	0	0	0	1435
890	4	4	30.00	0	0	0	1435
895	4	4	30.00	0	0	0	1435
900	4	4	30.00	0	0	0	1435
905	4	4	30.00	0	0	0	1435
910	4	4	30.00	0	0	0	1435
915	4	4	30.00	0	0	0	1435
920	4	4	30.00	0	0	0	1435
925	4	4	30.00	0	0	0	1435
930	4	4	30.00	0	0	0	1435
935	4	4	30.00	0	0	0	1435
940	4	4	30.00	0	0	0	1435
945	4	4	30.00	0	0	0	1435
950	4	4	30.00	0	0	0	1435
955	4	4	30.00	0	0	0	1435
960	4	4	30.00	0	0	0	1435
965	4	4	30.00	0	0	0	1435
970	4	4	30.00	0	0	0	1435
975	4	4	30.00	0	0	0	1435
980	4	4	30.00	0	0	0	1435
985	4	4	30.00	0	0	0	1435
990	4	4	30.00	0	0	0	1435
995	4	4	30.00	0</			



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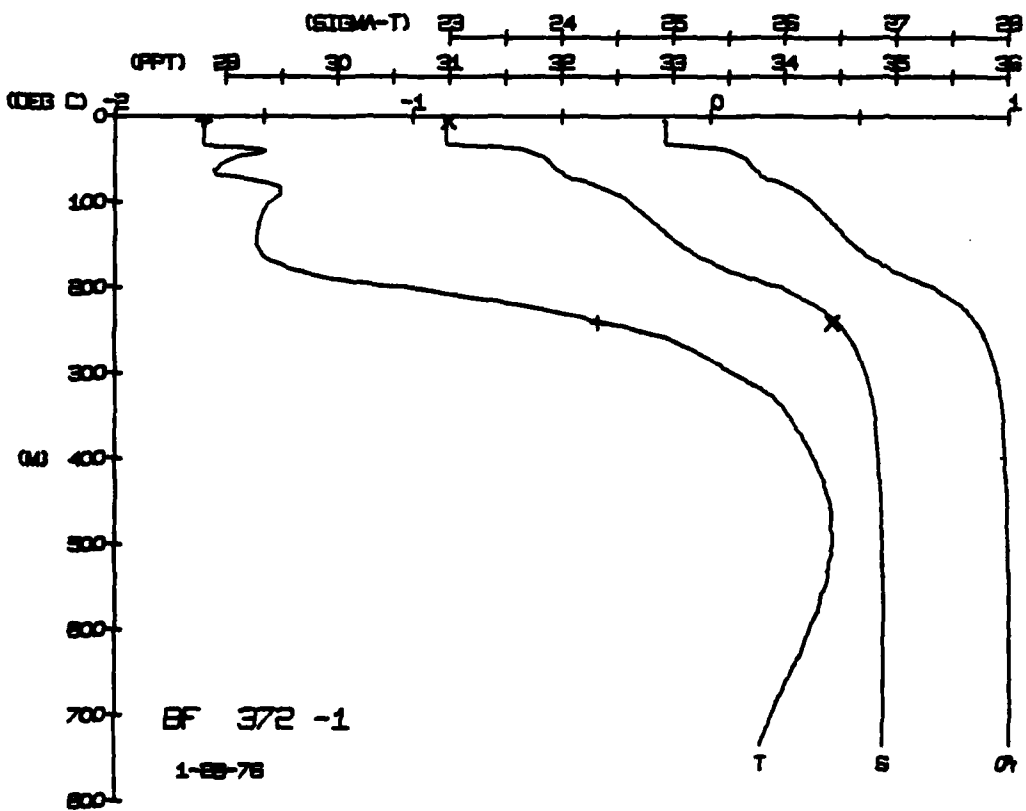
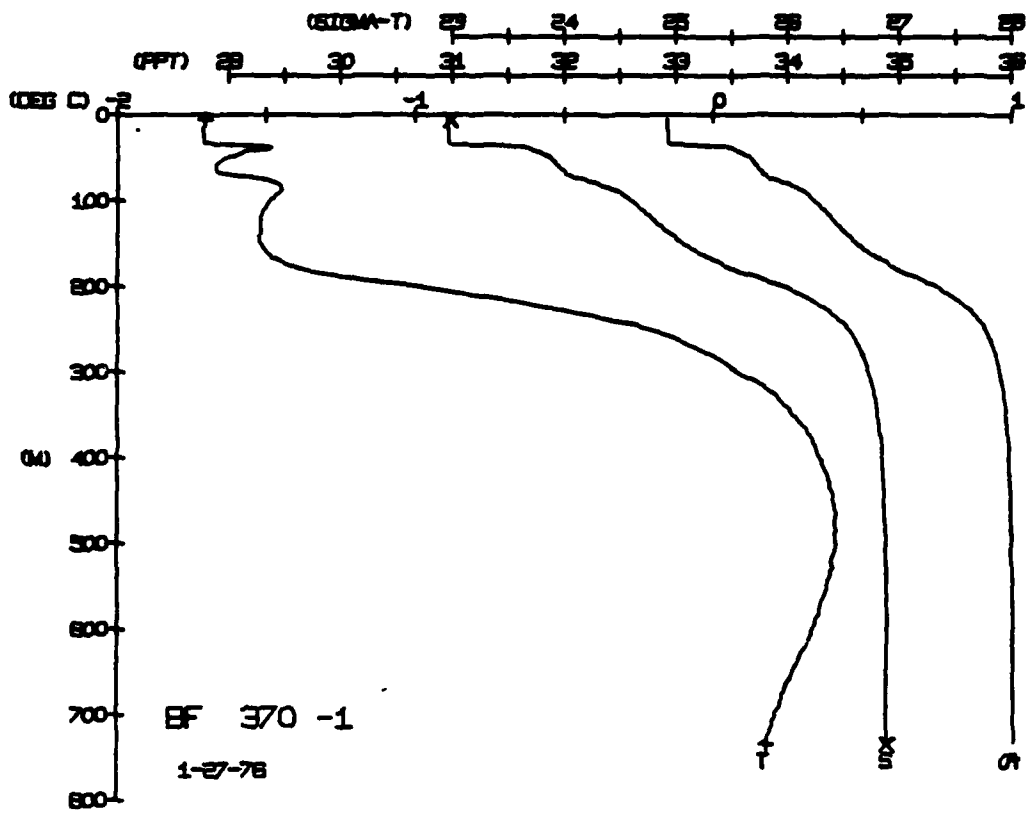
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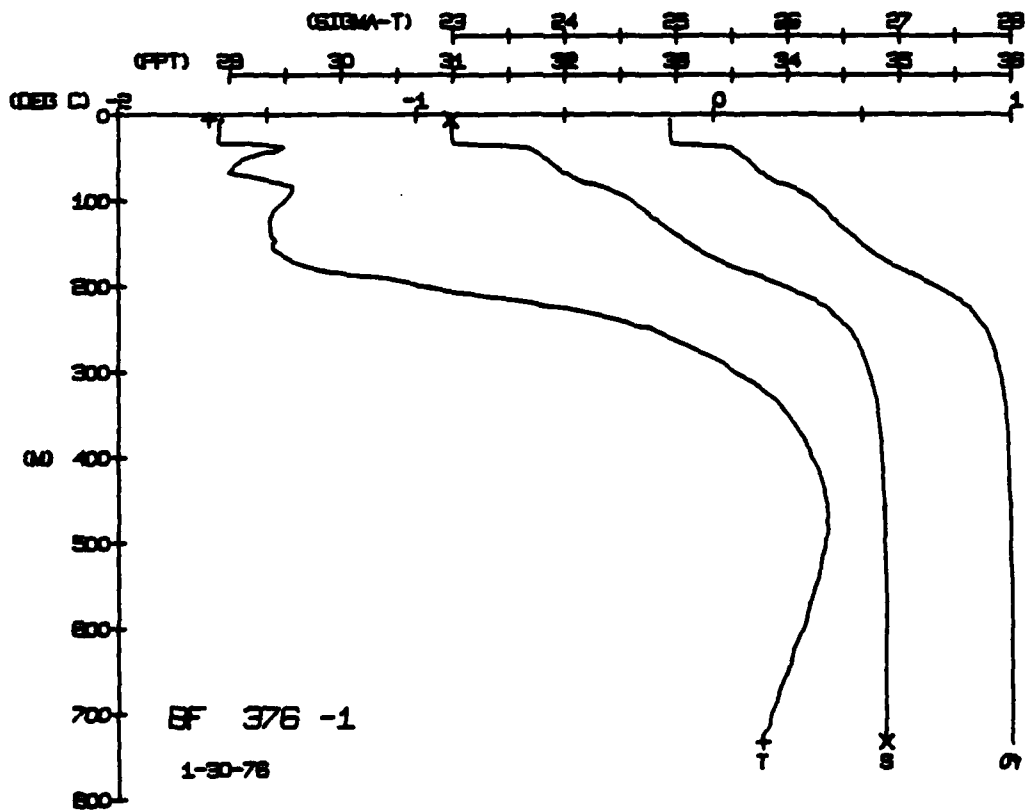
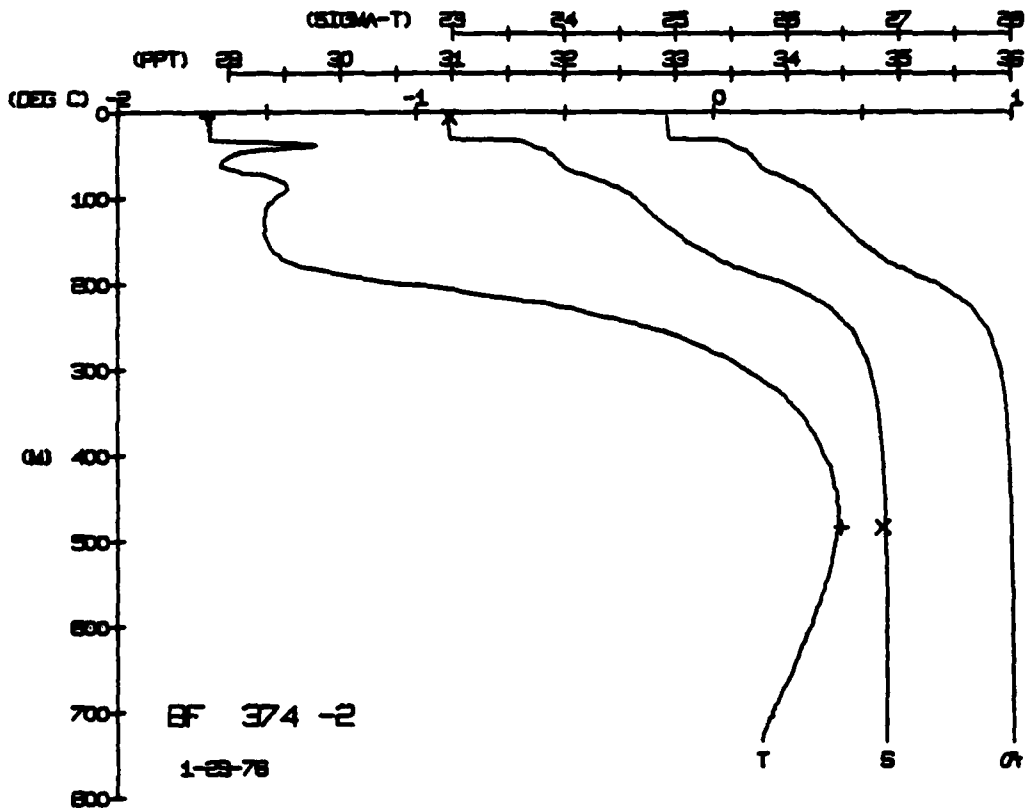
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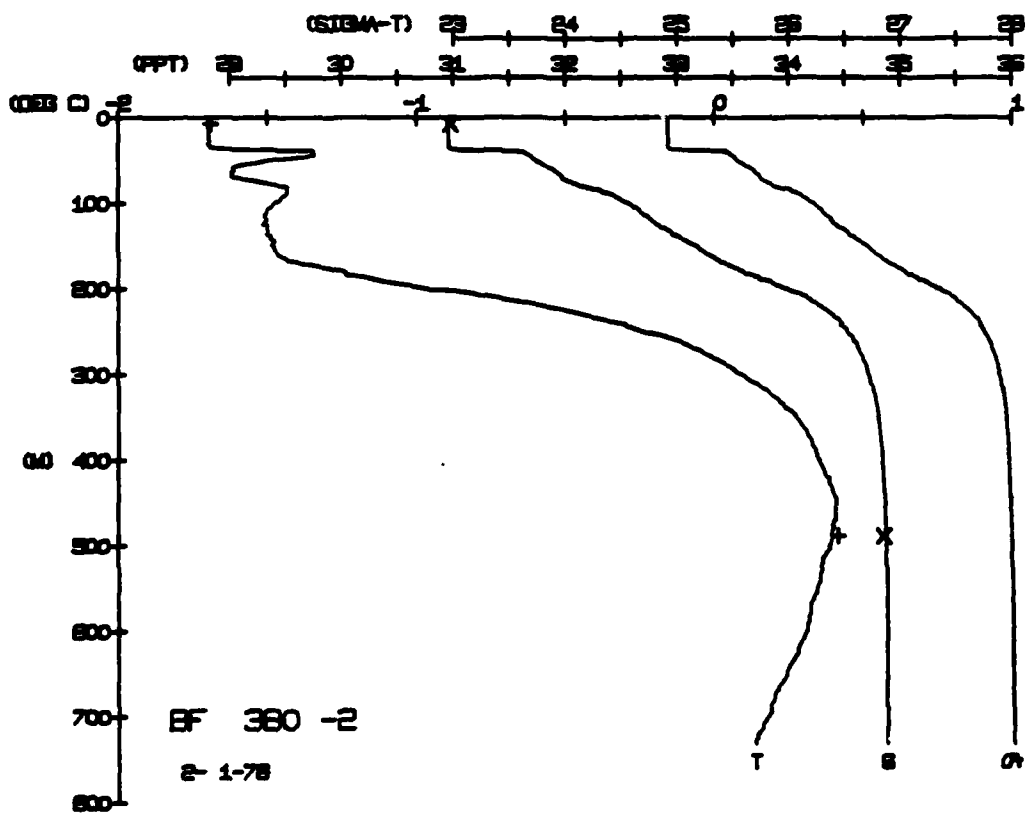
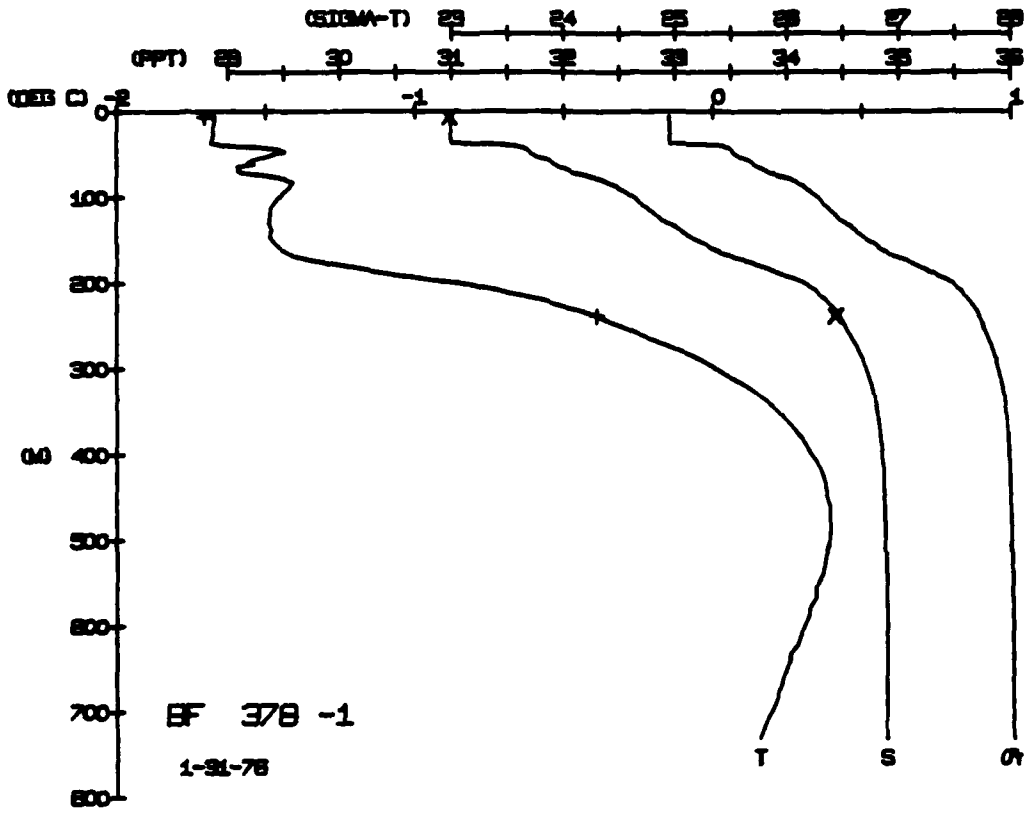
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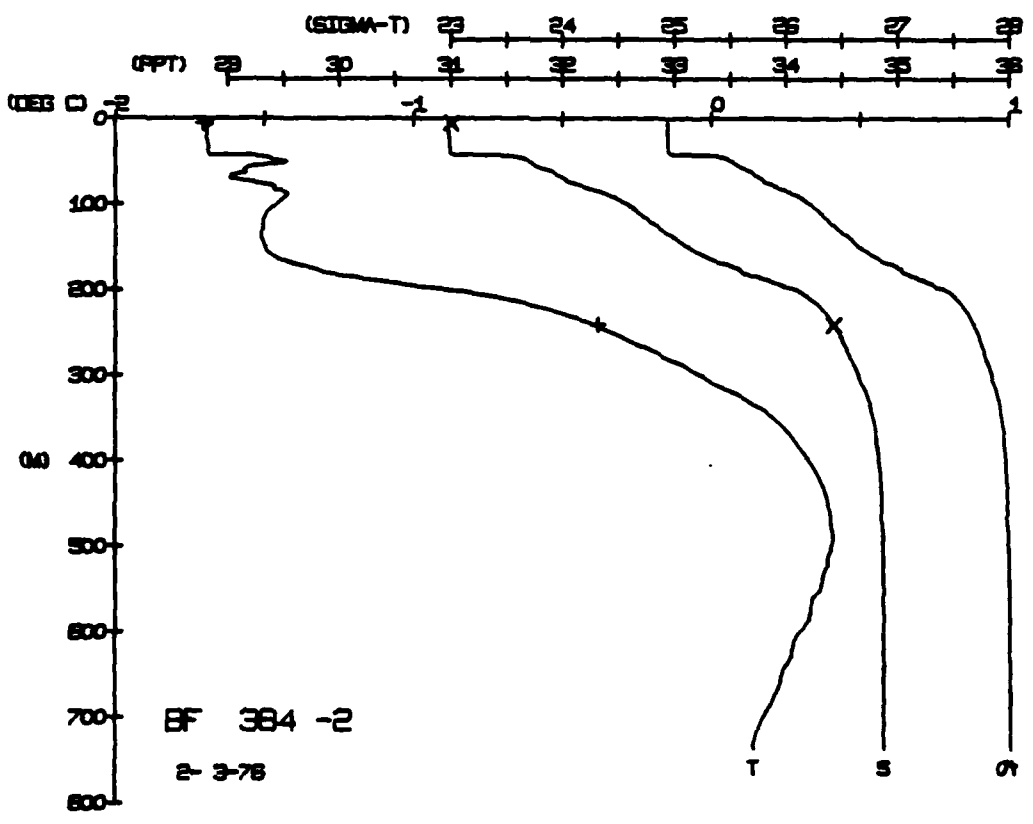
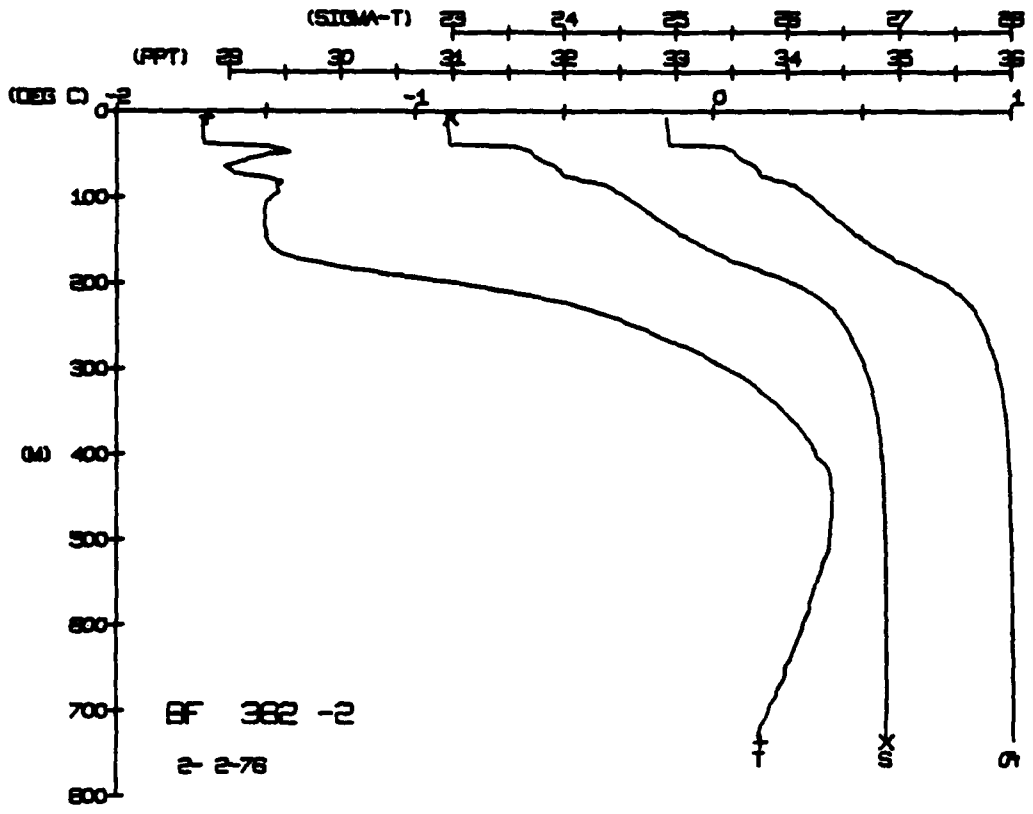
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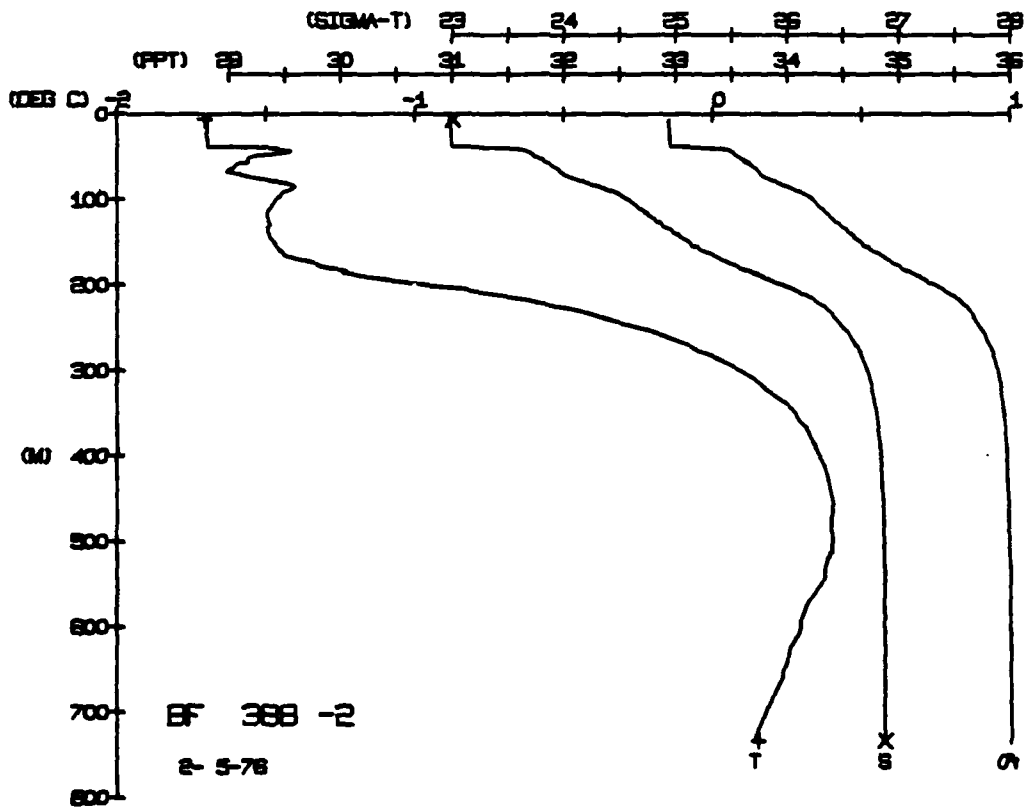
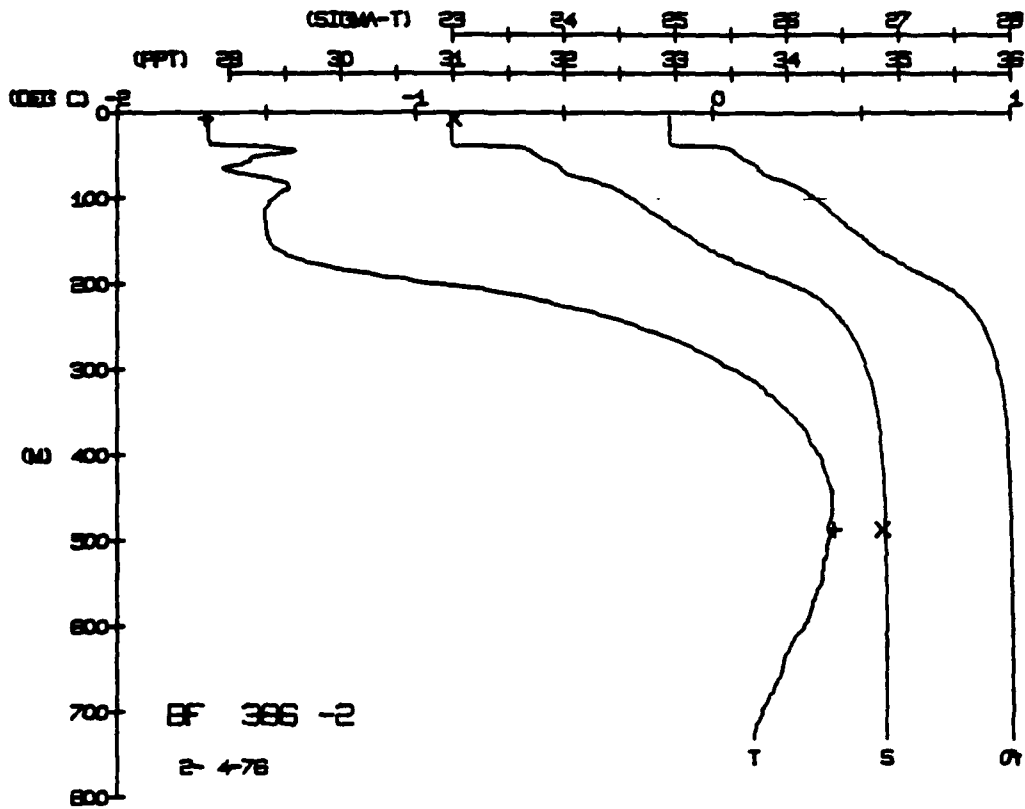
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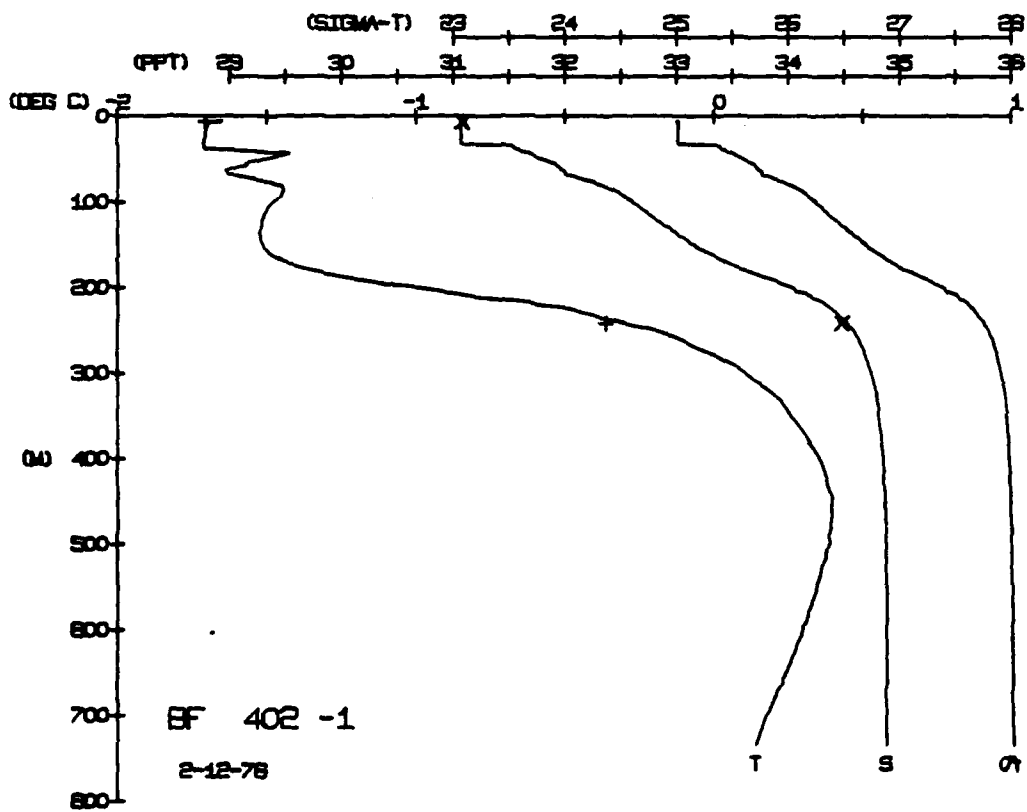
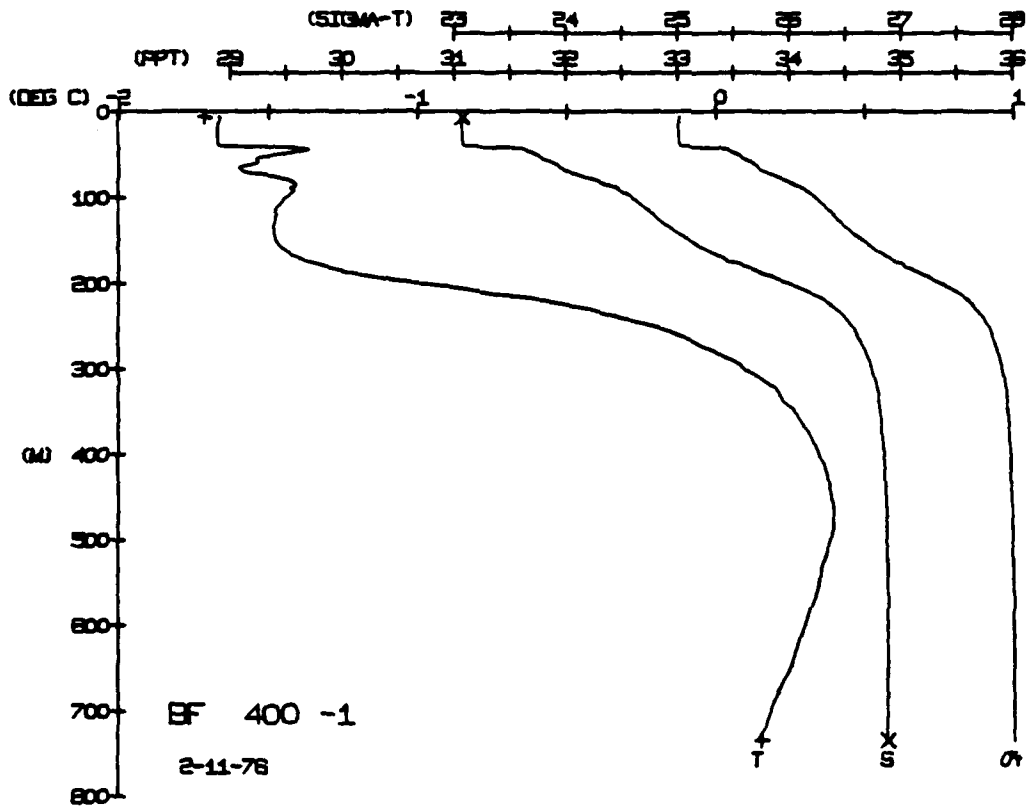


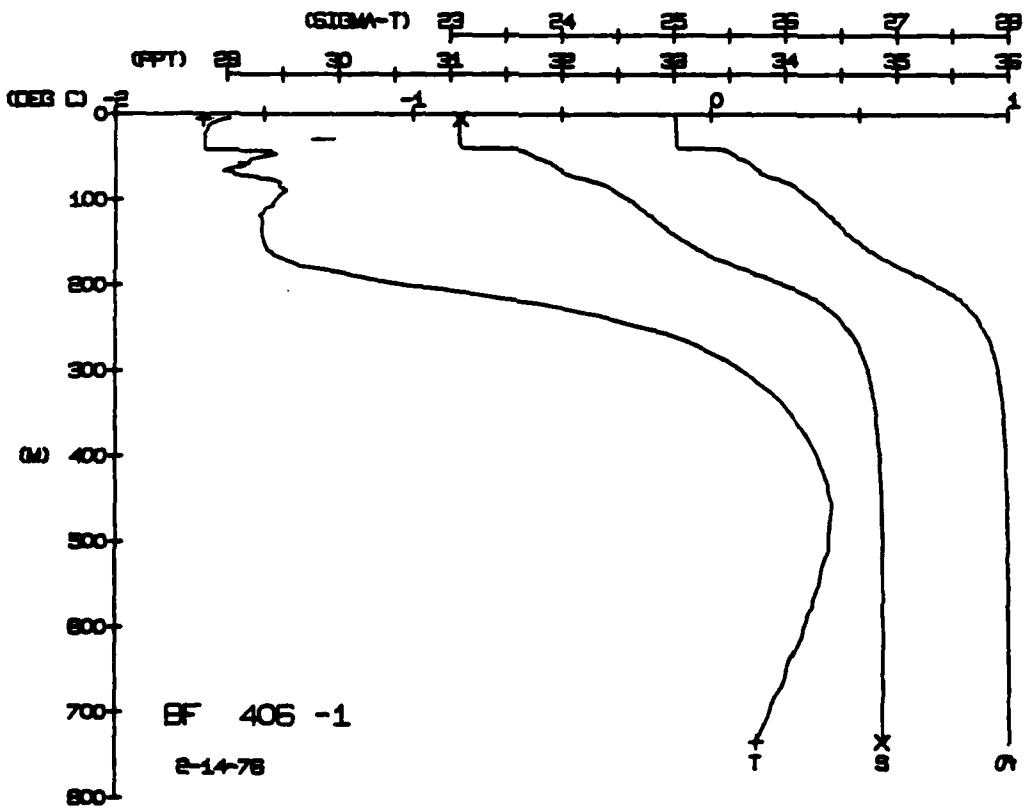
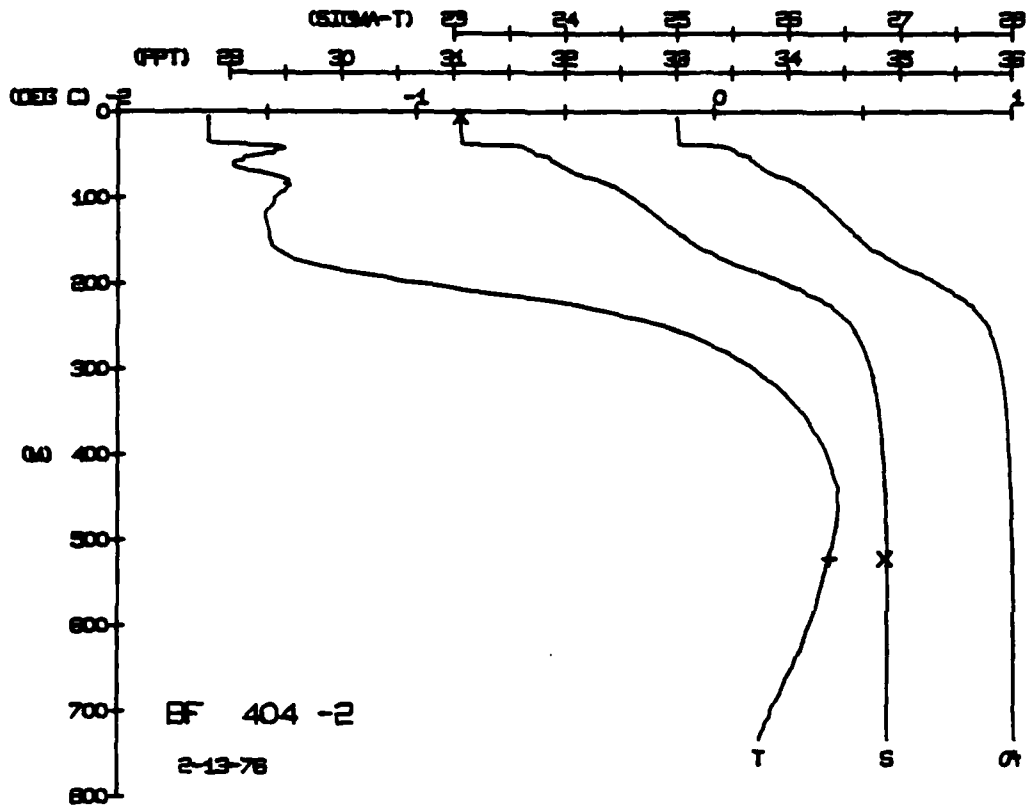


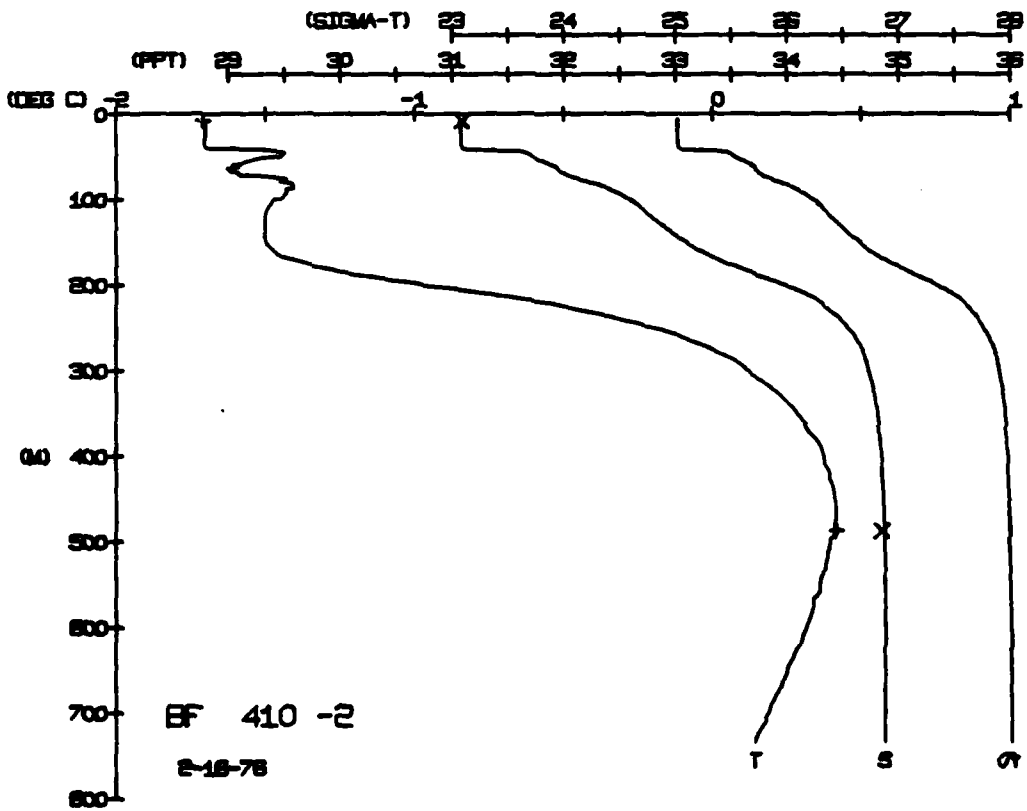
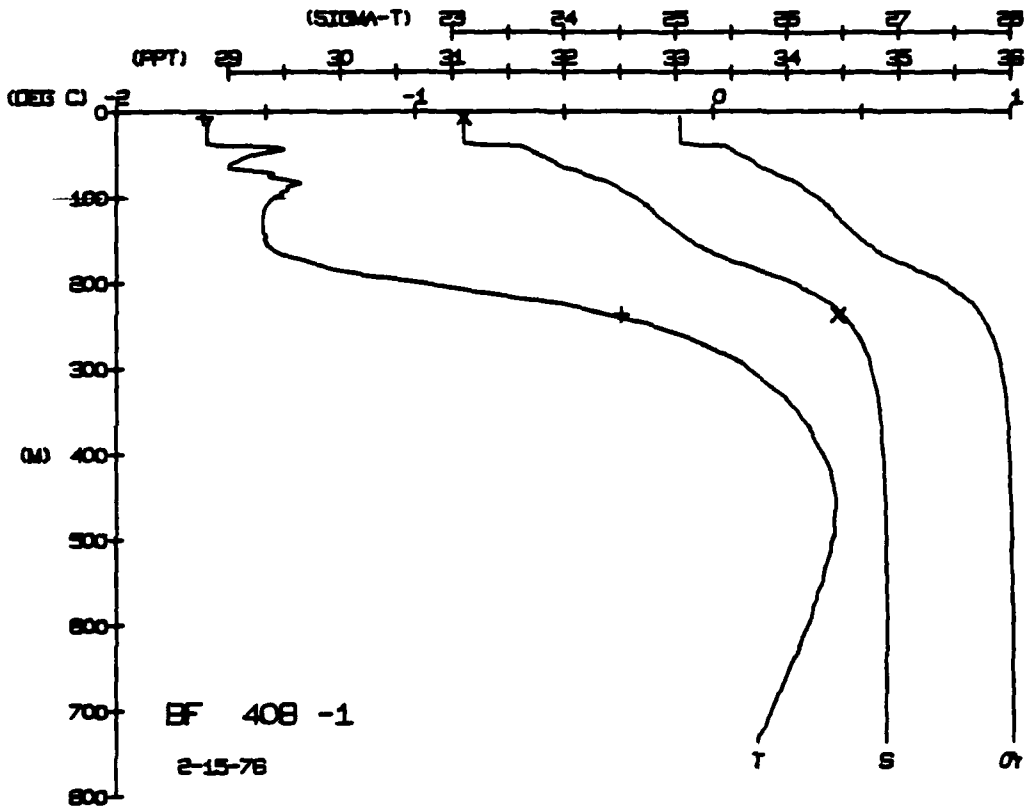


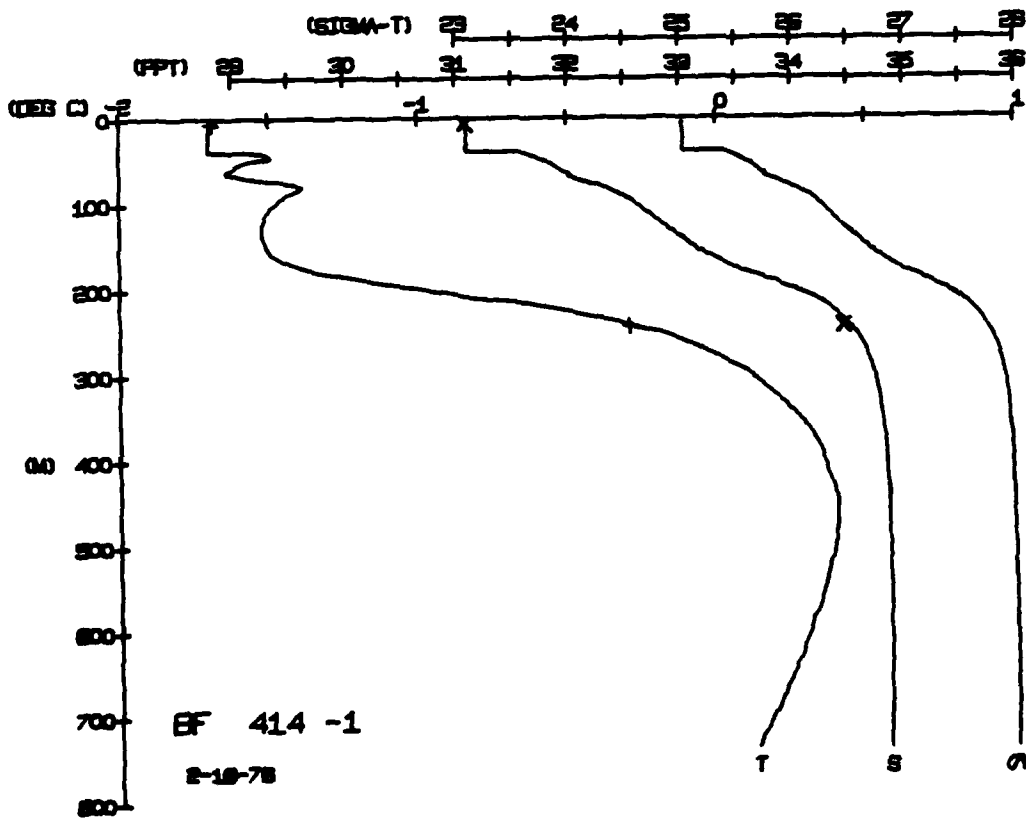
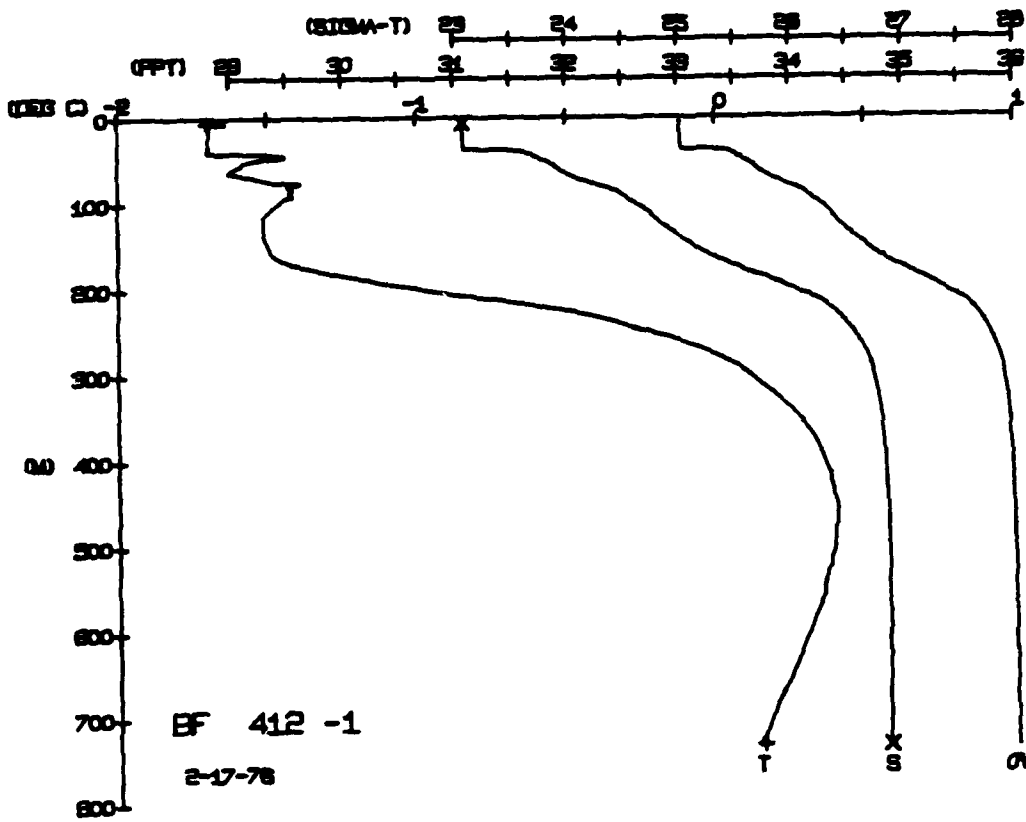


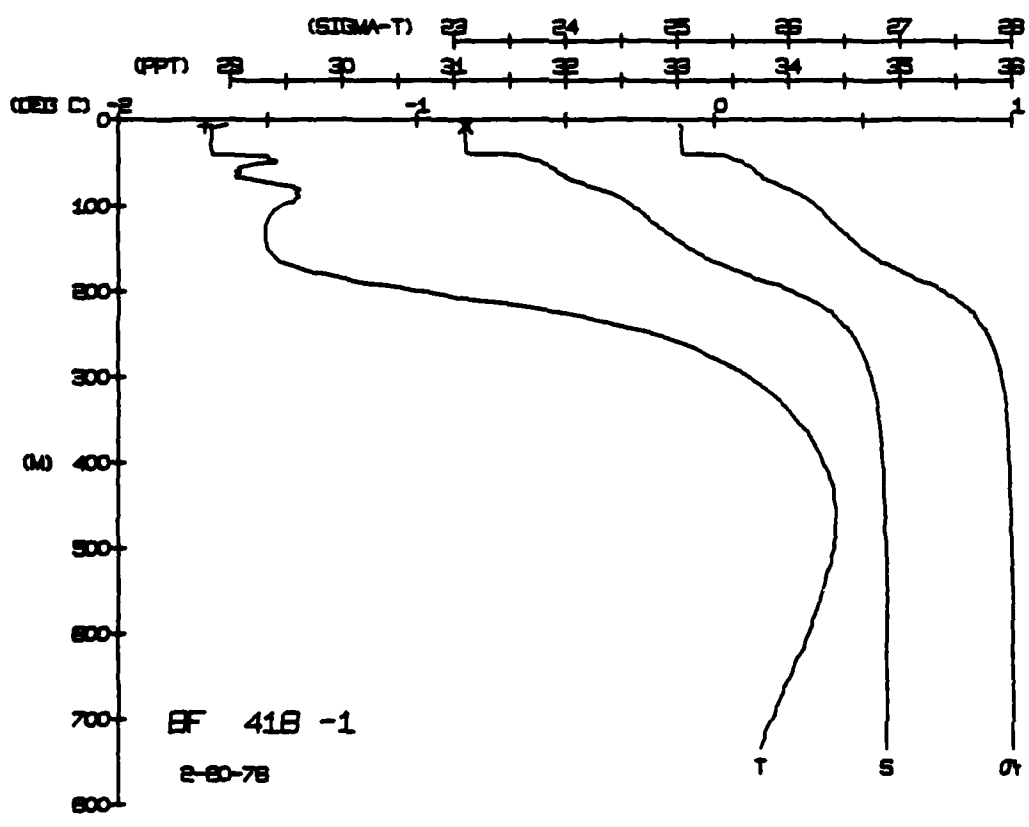
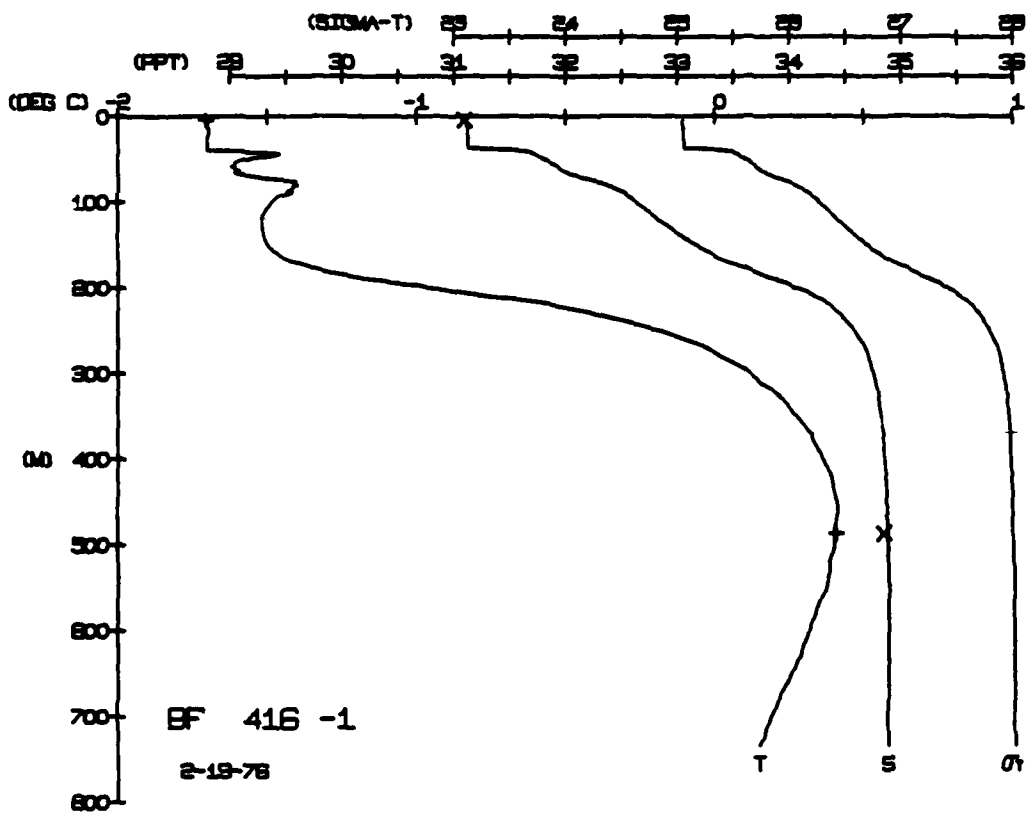


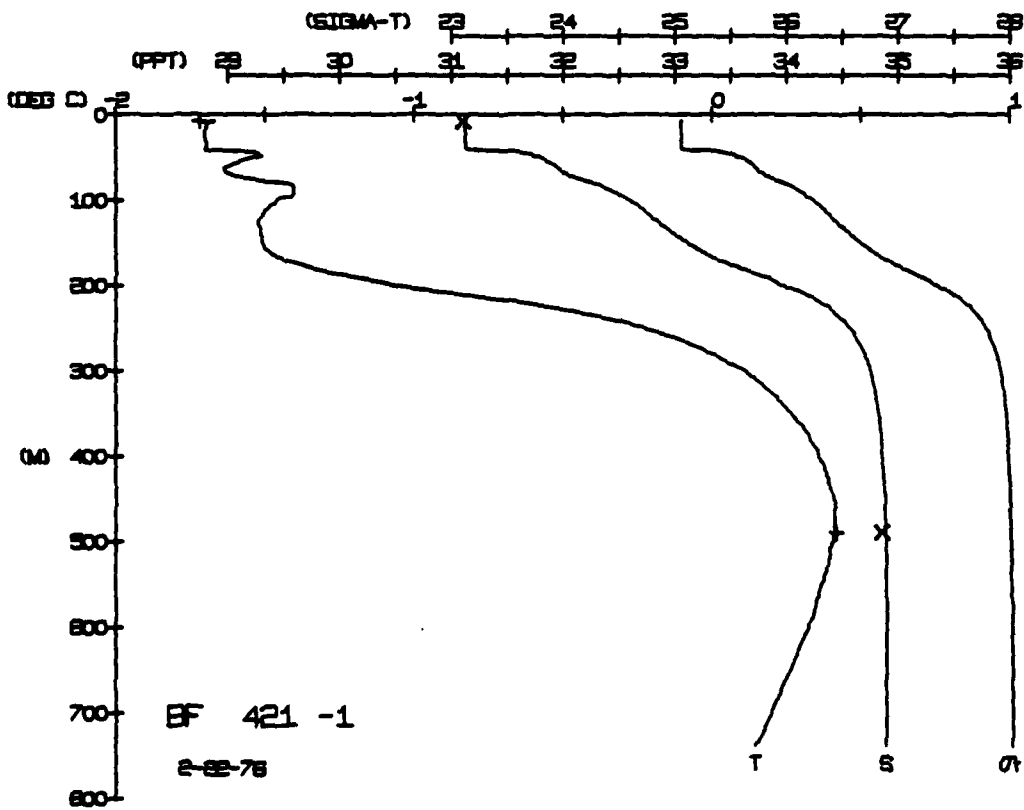
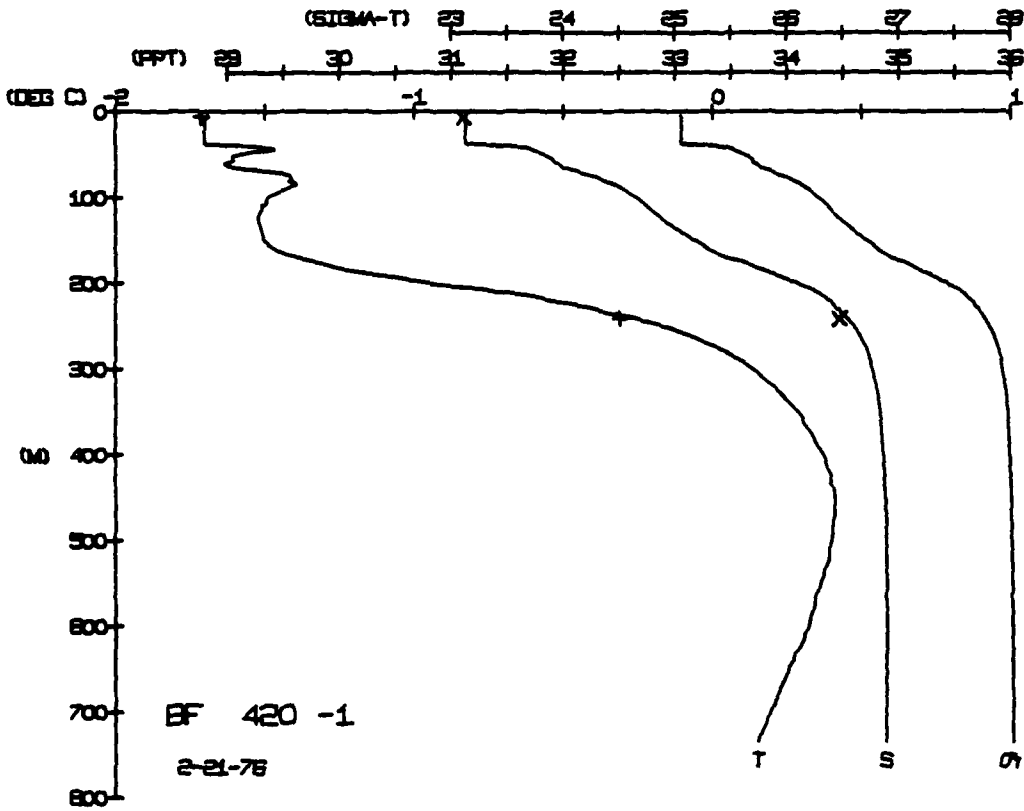


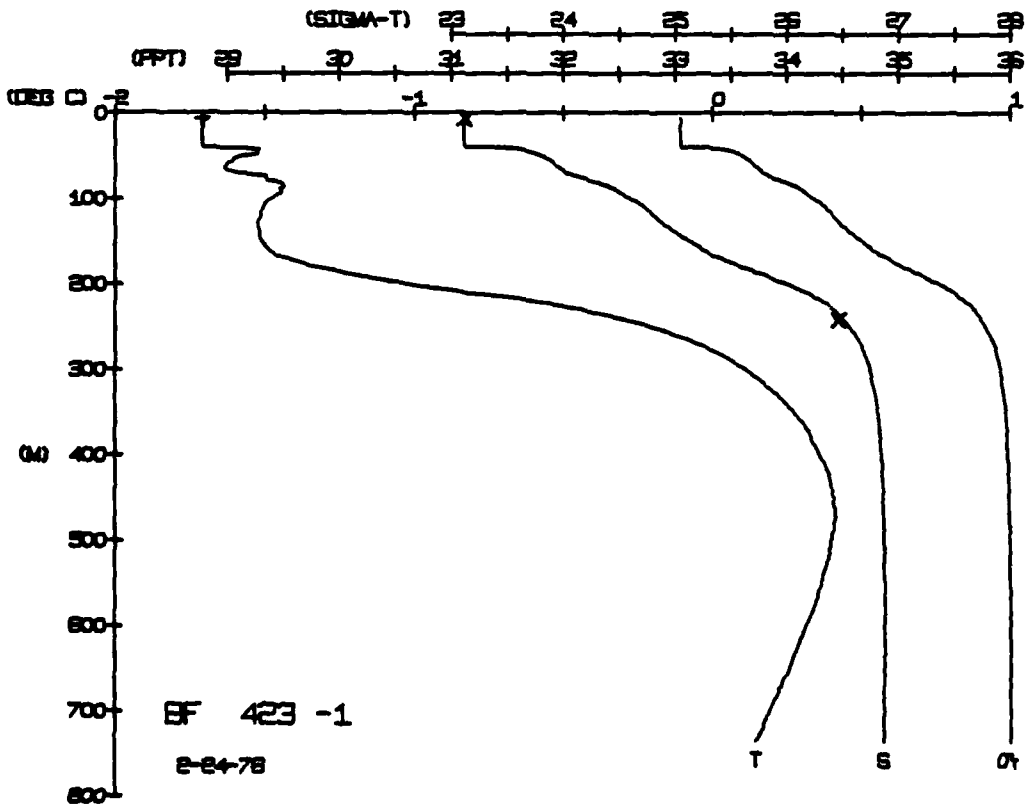
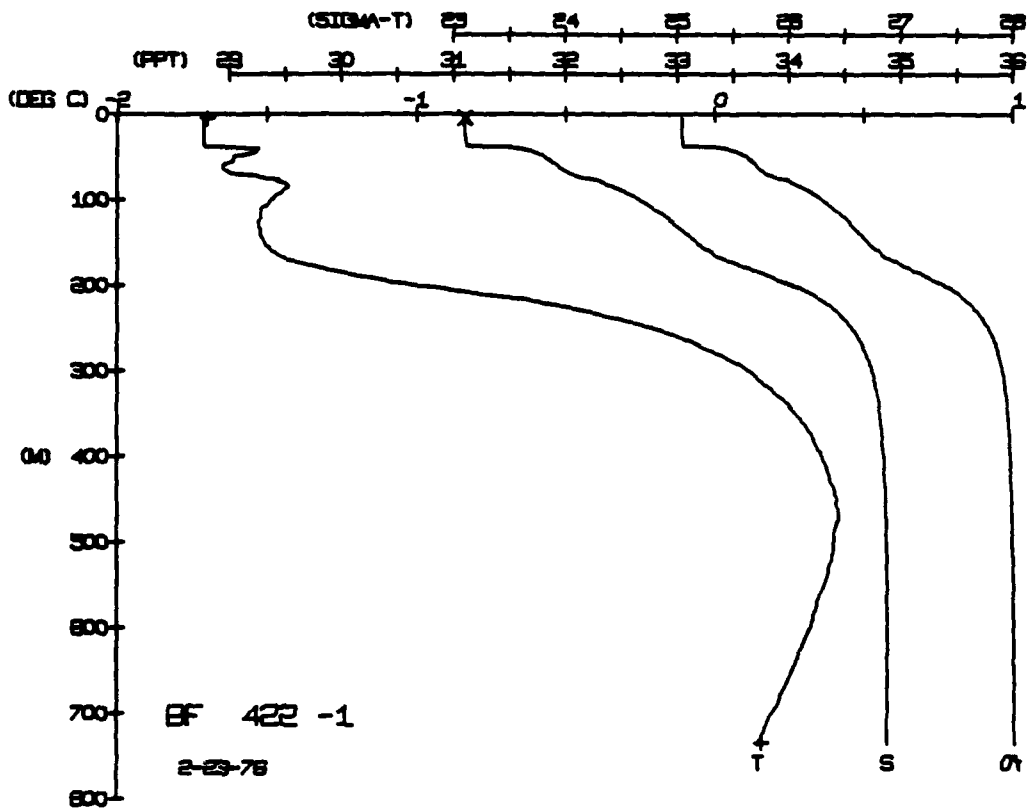


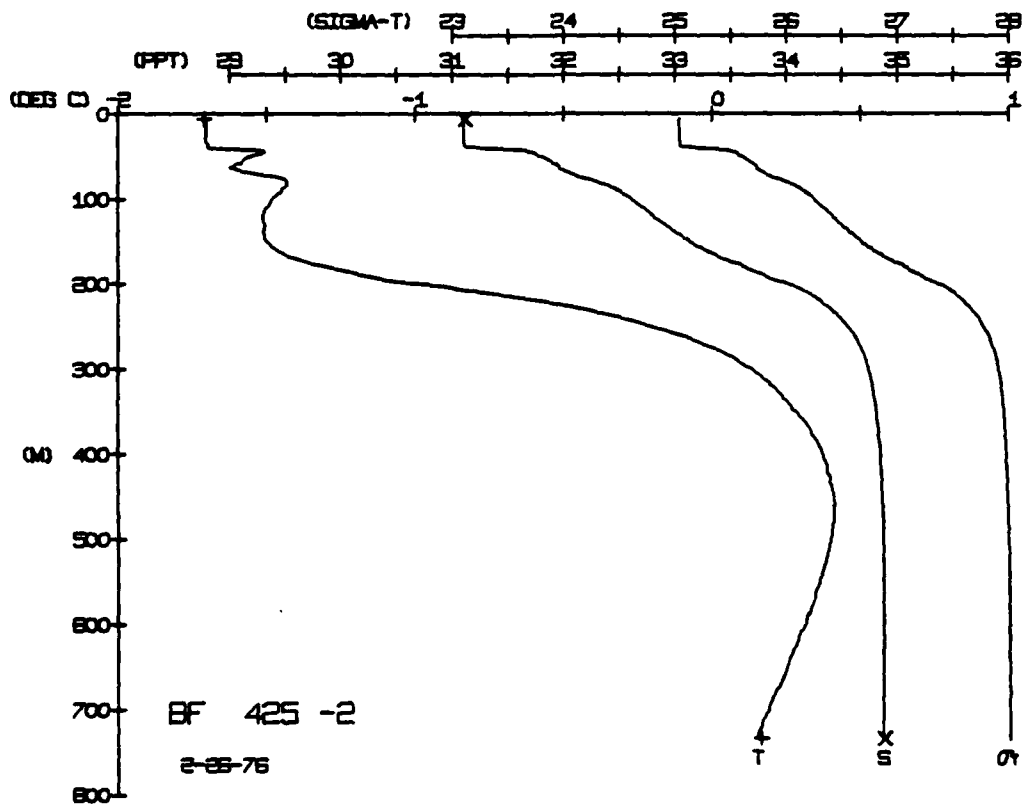
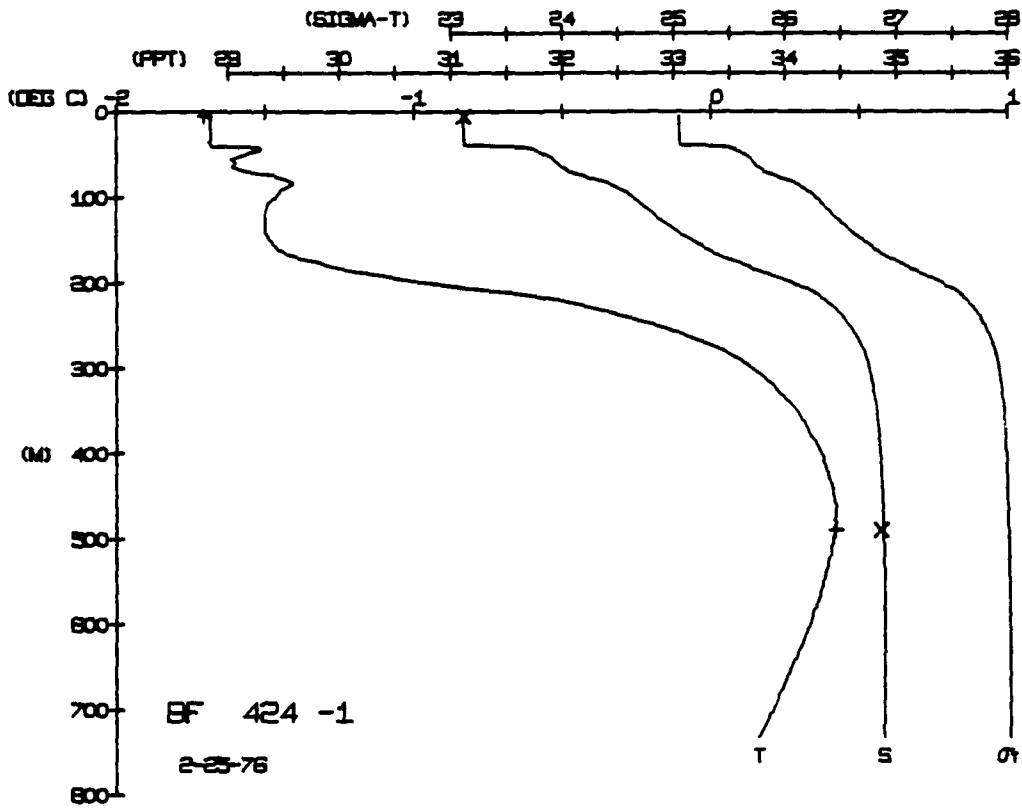


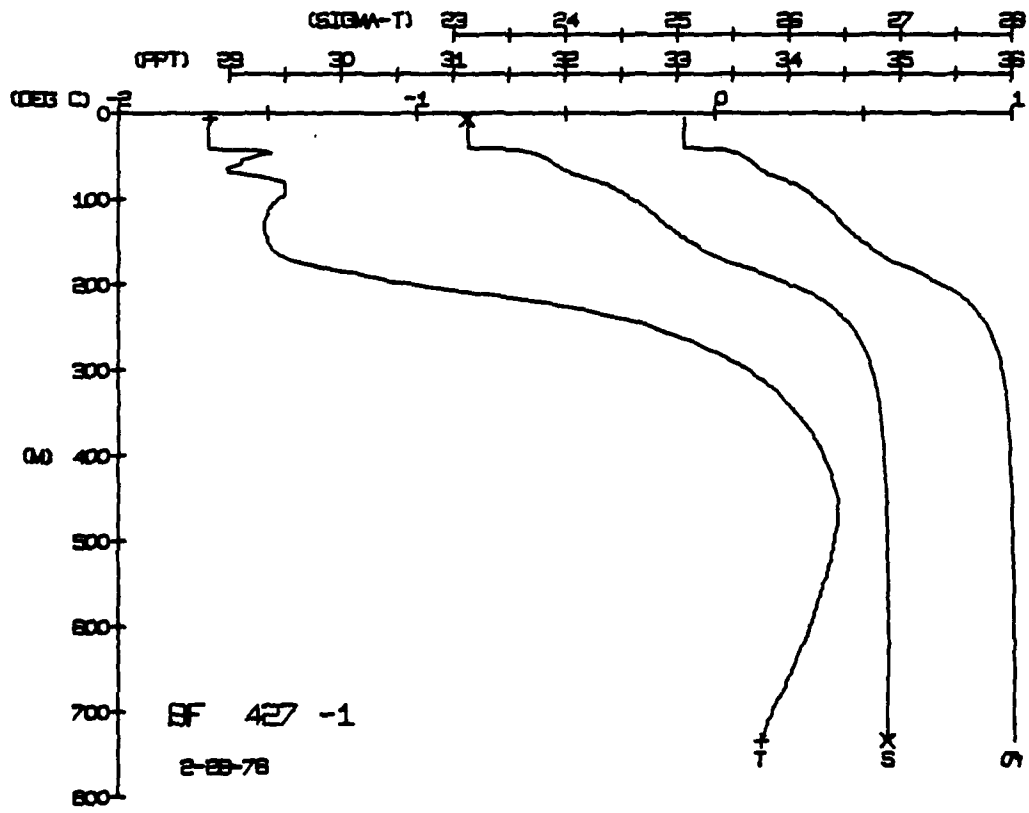
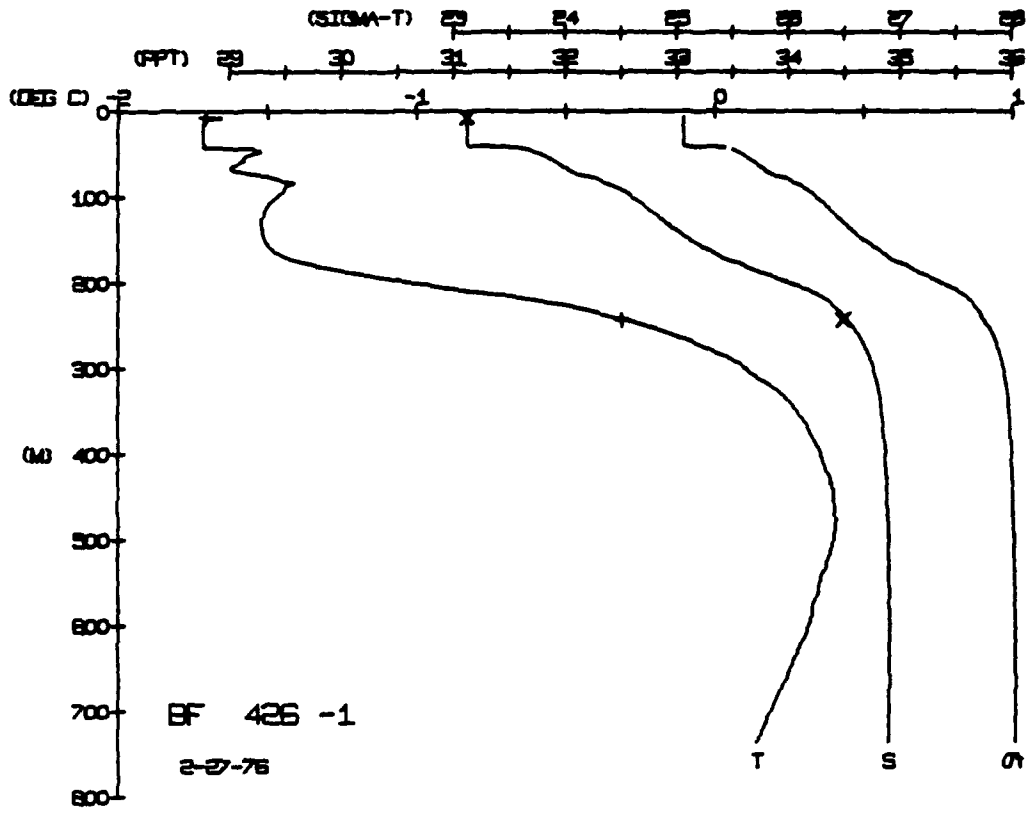












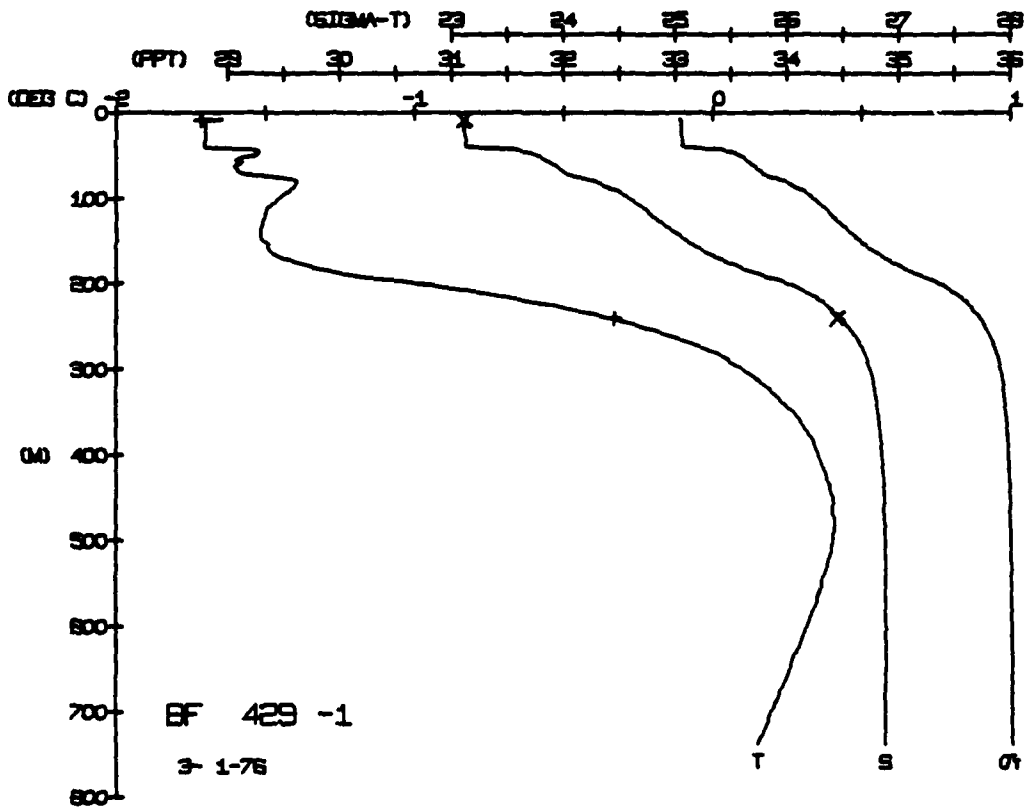
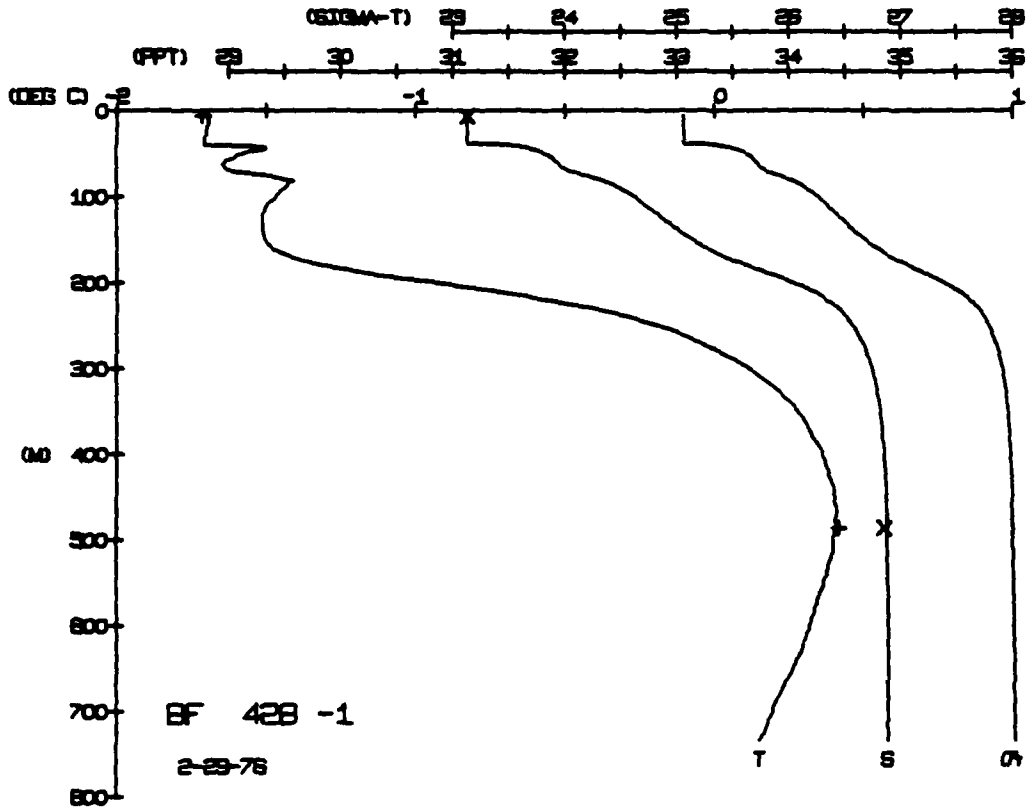
BLUE FOX STATION 429(1) CTD 29/FER/1976 1800 GMT CODE = 2
LAT = 72.809333N LNC = 136.91666W UTM = 3221
AIR TEMP = -33.5 BARUM = 1037.7 WIND = 332.1 SPEED = 51.7

DEPTH	TEMP	PTEMP	SALIN	SIG T	SPVUL	DYNHT	SOUND
0	69	69	33	05	5	00	9
5	69	69	33	05	5	00	9
10	69	69	33	05	5	00	9
15	69	69	33	05	5	00	9
20	69	69	33	05	5	00	9
25	69	69	33	05	5	00	9
30	69	69	33	05	5	00	9
35	69	69	33	05	5	00	9
40	69	69	33	05	5	00	9
45	69	69	33	05	5	00	9
50	69	69	33	05	5	00	9
55	69	69	33	05	5	00	9
60	69	69	33	05	5	00	9
65	69	69	33	05	5	00	9
70	69	69	33	05	5	00	9
75	69	69	33	05	5	00	9
80	69	69	33	05	5	00	9
85	69	69	33	05	5	00	9
90	69	69	33	05	5	00	9
95	69	69	33	05	5	00	9
100	69	69	33	05	5	00	9
105	69	69	33	05	5	00	9
110	69	69	33	05	5	00	9
115	69	69	33	05	5	00	9
120	69	69	33	05	5	00	9
125	69	69	33	05	5	00	9
130	69	69	33	05	5	00	9
135	69	69	33	05	5	00	9
140	69	69	33	05	5	00	9
145	69	69	33	05	5	00	9
150	69	69	33	05	5	00	9
155	69	69	33	05	5	00	9
160	69	69	33	05	5	00	9
165	69	69	33	05	5	00	9
170	69	69	33	05	5	00	9
175	69	69	33	05	5	00	9
180	69	69	33	05	5	00	9
185	69	69	33	05	5	00	9
190	69	69	33	05	5	00	9
195	69	69	33	05	5	00	9
200	69	69	33	05	5	00	9
205	69	69	33	05	5	00	9
210	69	69	33	05	5	00	9
215	69	69	33	05	5	00	9
220	69	69	33	05	5	00	9
225	69	69	33	05	5	00	9
230	69	69	33	05	5	00	9
235	69	69	33	05	5	00	9
240	69	69	33	05	5	00	9
245	69	69	33	05	5	00	9
250	69	69	33	05	5	00	9
255	69	69	33	05	5	00	9
260	69	69	33	05	5	00	9
265	69	69	33	05	5	00	9
270	69	69	33	05	5	00	9
275	69	69	33	05	5	00	9
280	69	69	33	05	5	00	9
285	69	69	33	05	5	00	9
290	69	69	33	05	5	00	9
295	69	69	33	05	5	00	9
300	69	69	33	05	5	00	9
305	69	69	33	05	5	00	9
310	69	69	33	05	5	00	9
315	69	69	33	05	5	00	9
320	69	69	33	05	5	00	9
325	69	69	33	05	5	00	9
330	69	69	33	05	5	00	9
335	69	69	33	05	5	00	9
340	69	69	33	05	5	00	9
345	69	69	33	05	5	00	9
350	69	69	33	05	5	00	9
355	69	69	33	05	5	00	9
360	69	69	33	05	5	00	9
365	69	69	33	05	5	00	9
370	69	69	33	05	5	00	9
375	69	69	33	05	5	00	9
380	69	69	33	05	5	00	9
385	69	69	33	05	5	00	9
390	69	69	33	05	5	00	9
395	69	69	33	05	5	00	9
400	69	69	33	05	5	00	9
405	69	69	33	05	5	00	9
410	69	69	33	05	5	00	9
415	69	69	33	05	5	00	9
420	69	69	33	05	5	00	9
425	69	69	33	05	5	00	9
430	69	69	33	05	5	00	9
435	69	69	33	05	5	00	9
440	69	69	33	05	5	00	9
445	69	69	33	05	5	00	9
450	69	69	33	05	5	00	9
455	69	69	33	05	5	00	9
460	69	69	33	05	5	00	9
465	69	69	33	05	5	00	9
470	69	69	33	05	5	00	9
475	69	69	33	05	5	00	9
480	69	69	33	05	5	00	9
485	69	69	33	05	5	00	9
490	69	69	33	05	5	00	9
495	69	69	33	05	5	00	9
500	69	69	33	05	5	00	9

DEPTH = 5.9
HOT NUM = 1
HOT NUM = 2
TEMP = -1.72
SALIN = 34.86

BLUE FOX STATION 429(1) CTD 1/MAR/1976 1800 GMT CODE = 2
LAT = 72.83533N LNC = 137.0405N UTM = 333
AIR TEMP = -24.8 BARUM = 1019.2 WIND = 168.1 SPEED = 52.8

DEPTH	TEMP	PTEMP	SALIN	SIG T	SPVUL	DYNHT	SOUND
0	65	65	33	04	0	00	1
5	65	65	33	04	0	00	1
10	65	65	33	04	0	00	1
15	65	65	33	04	0	00	1
20	65	65	33	04	0	00	1
25	65	65	33	04	0	00	1
30	65	65	33	04	0	00	1
35	65	65	33	04	0	00	1
40	65	65	33	04	0	00	1
45	65	65	33	04	0	00	1
50	65	65	33	04	0	00	1
55	65	65	33	04	0	00	1
60	65	65	33	04	0	00	1
65	65	65	33	04	0	00	1
70	65	65	33	04	0	00	1
75	65	65	33	04	0	00	1
80	65	65	33	04	0	00	1
85	65	65	33	04	0	00	1
90	65	65	33	04	0	00	1
95	65	65	33	04	0	00	1
100	65	65	33	04	0	00	1
105	65	65	33	04	0	00	1
110	65	65	33	04	0	00	1
115	65	65	33	04	0	00	1
120	65	65	33	04	0	00	1
125	65	65	33	04	0	00	1
130	65	65	33	04	0	00	1
135	65	65	33	04	0	00	1
140	65	65	33	04	0	00	1
145	65	65	33	04	0	00	1
150	65	65	33	04	0	00	1
155	65	65	33	04	0	00	1
160	65	65	33	04	0	00	1
165	65	65	33	04	0	00	1
170	65	65	33	04	0	00	1
175	65	65	33	04	0	00	1
180	65	65	33	04	0	00	1
185	65	65	33	04	0	00	1
190	65	65	33	04	0	00	1
195	65	65	33	04	0	00	1
200	65	65	33	04	0	00	1
205	65	65	33	04	0	00	1
210	65	65	33	04	0	00	1
215	65	65	33	04	0	00	1
220	65	65	33	04	0	00	1
225	65	65	33	04	0	00	1
230	65	65	33	04	0	00	1
235	65	65	33	04	0	00	1
240	65	65	33	04	0	00	1
245	65	65	33	04	0	00	1
250	65	65	33	04	0	00	1
255	65	65	33	04	0	00	1
260	65	65	33	04	0	00	1
265	65	65	33	04	0	00	1
270	65	65	33	04	0	00	1
275	65	65	33	04	0	00	1
280	65	65	33	04	0	00	1
285	65	65	33	04	0	00	1
290	65	65	33	04	0	00	1
295	65	65	33	04	0	00	1
300	65	65	33	04	0	00	1
305	65	65	33	04	0	00	1
310	65	65	33	04	0	00	1
315	65	65	33	04	0	00	1
320	65	65	33	04	0	00	1
325	65	65	33	04	0	00	1
330	65	65	33	04	0	00	1
335	65	65	33	04	0	00	1
340	65	65	33	04	0	00	1
345	65	65	33	04	0	00	1
350	65	65	33	04	0	00	1
355	65	65	33	04	0	00	1
360	65	65	33	04	0	00	1
365	65	65	33	04	0	00	1
370	65	65	33	04	0	00	1
375	65	65	33	04	0	00	1
380	65	65	33	04	0	00	1
385	65	65	33	04	0	00	1
390	65	65	33	04	0	00	1
395	65	65	33	04	0	00	1
400	65	65	33	04	0	00	1
405	65	65	33	04	0	00	1
410	65	65	33	04	0	00	1
415	65	65	33	04	0	00	1
420	65	65	33	04	0	00	1
425	65	65	33	04	0	00	1
430	65	65	33	04	0	00	1
435	65	65	33	04	0	00	1
440	65	65	33	04	0	00	1
445	65	65	33	04	0	00	1
450	65	65	33	04	0	00	1
455	65	65	33	04	0	00	1
460	65	65	33	04	0	00	1
465	65	65	33	04	0	00	1
470	65	65	33	04	0	00	1
475	65	65	33	04	0	00	1
480	65	65	33	04	0	00	1
485	65	65	33	04	0	00	1
490	65	65	33	04	0	00	1
495	65	65	33	04	0	00	1
500	65	65					



BLUE FOX STATION 431(1) CTD 3/MAR/1976 1811 GMT CODE = 2
 LAT = 72.8137N LNG = 137.0168W LTR = 2 UGER = 3
 AIR TEMP = -27.8 BAROM = 1010.6 WIND = 170.3 SPEED = 21.6

BLUE FOX STATION 430(1) CTD 2/MAR/1976 1800 GMT CODE = 2
 LAT = 72.8022N LNG = 137.0151W LTR = 1 UGER = 2
 AIR TEMP = -24.8 BAROM = 1012.5 WIND = 168.1 SPEED = 52.8

DEPTH	TEMP	PTEMP	SALIN	SIG T	SPVOL	DYHHT	SOUND
0	7.33	7.33	33.33	0.77	290.0	0.015	1435.8
5	7.33	7.33	33.33	0.77	290.0	0.015	1435.8
10	7.33	7.33	33.33	0.77	290.0	0.015	1435.8
15	7.33	7.33	33.33	0.77	290.0	0.015	1435.8
20	7.33	7.33	33.33	0.77	290.0	0.015	1435.8
25	7.33	7.33	33.33	0.77	290.0	0.015	1435.8
30	7.33	7.33	33.33	0.77	290.0	0.015	1435.8
35	7.33	7.33	33.33	0.77	290.0	0.015	1435.8
40	7.33	7.33	33.33	0.77	290.0	0.015	1435.8
45	7.33	7.33	33.33	0.77	290.0	0.015	1435.8
50	7.33	7.33	33.33	0.77	290.0	0.015	1435.8
55	7.33	7.33	33.33	0.77	290.0	0.015	1435.8
60	7.33	7.33	33.33	0.77	290.0	0.015	1435.8
65	7.33	7.33	33.33	0.77	290.0	0.015	1435.8
70	7.33	7.33	33.33	0.77	290.0	0.015	1435.8
75	7.33	7.33	33.33	0.77	290.0	0.015	1435.8
80	7.33	7.33	33.33	0.77	290.0	0.015	1435.8
85	7.33	7.33	33.33	0.77	290.0	0.015	1435.8
90	7.33	7.33	33.33	0.77	290.0	0.015	1435.8
95	7.33	7.33	33.33	0.77	290.0	0.015	1435.8
100	7.33	7.33	33.33	0.77	290.0	0.015	1435.8

DEPTH	TEMP	PTEMP	SALIN	SIG T	SPVOL	DYHHT	SOUND
0	7.33	7.33	33.33	0.77	290.0	0.015	1435.8
5	7.33	7.33	33.33	0.77	290.0	0.015	1435.8
10	7.33	7.33	33.33	0.77	290.0	0.015	1435.8
15	7.33	7.33	33.33	0.77	290.0	0.015	1435.8
20	7.33	7.33	33.33	0.77	290.0	0.015	1435.8
25	7.33	7.33	33.33	0.77	290.0	0.015	1435.8
30	7.33	7.33	33.33	0.77	290.0	0.015	1435.8
35	7.33	7.33	33.33	0.77	290.0	0.015	1435.8
40	7.33	7.33	33.33	0.77	290.0	0.015	1435.8
45	7.33	7.33	33.33	0.77	290.0	0.015	1435.8
50	7.33	7.33	33.33	0.77	290.0	0.015	1435.8
55	7.33	7.33	33.33	0.77	290.0	0.015	1435.8
60	7.33	7.33	33.33	0.77	290.0	0.015	1435.8
65	7.33	7.33	33.33	0.77	290.0	0.015	1435.8
70	7.33	7.33	33.33	0.77	290.0	0.015	1435.8
75	7.33	7.33	33.33	0.77	290.0	0.015	1435.8
80	7.33	7.33	33.33	0.77	290.0	0.015	1435.8
85	7.33	7.33	33.33	0.77	290.0	0.015	1435.8
90	7.33	7.33	33.33	0.77	290.0	0.015	1435.8
95	7.33	7.33	33.33	0.77	290.0	0.015	1435.8
100	7.33	7.33	33.33	0.77	290.0	0.015	1435.8

SALIN 31.12
 34.86

TEMP. -1.71
 0.42

DEPTH 8.6
 490.6

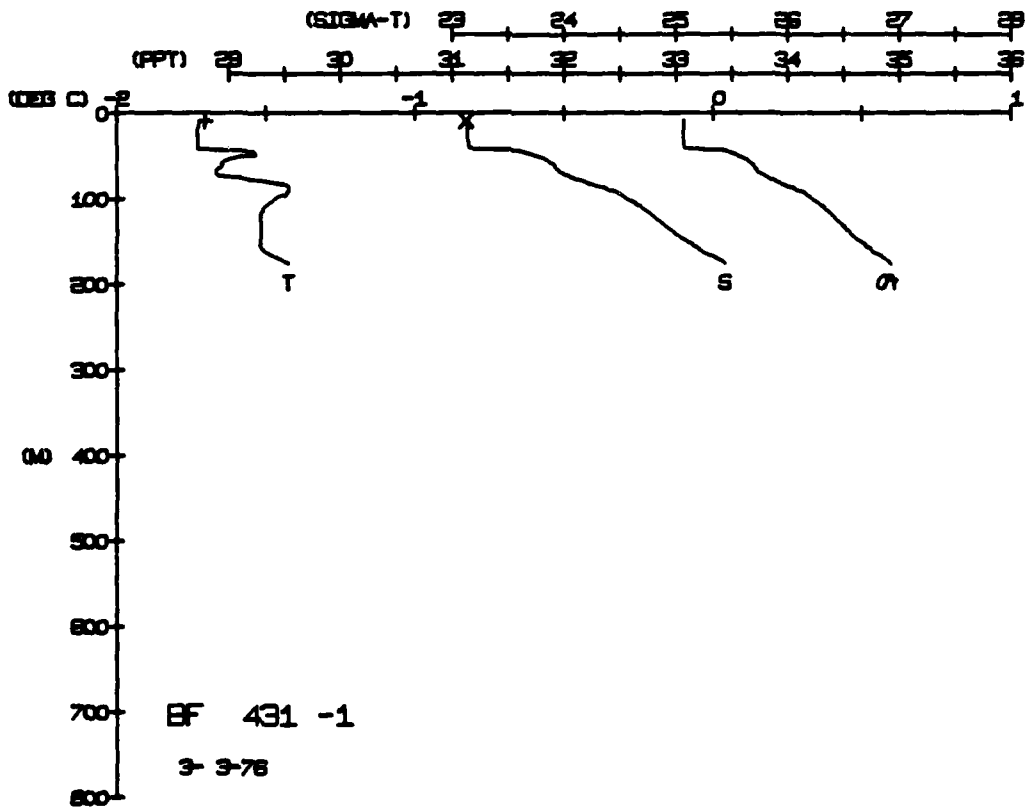
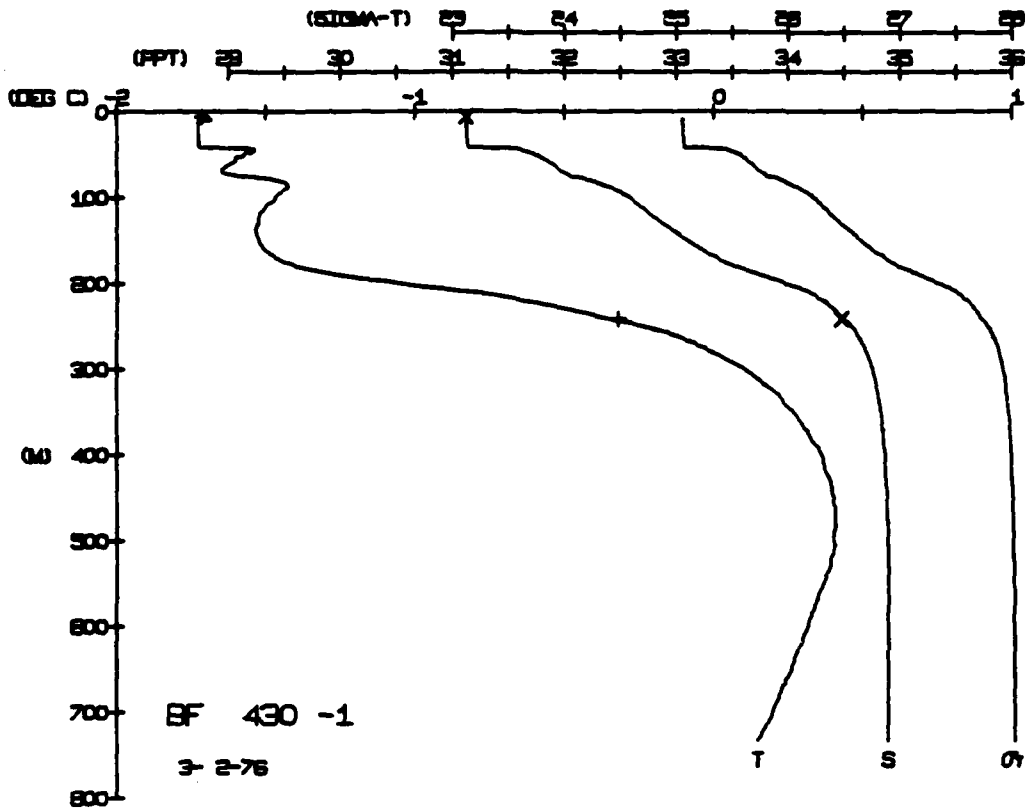
BUT NUM = 1
 BUT NUM = 2

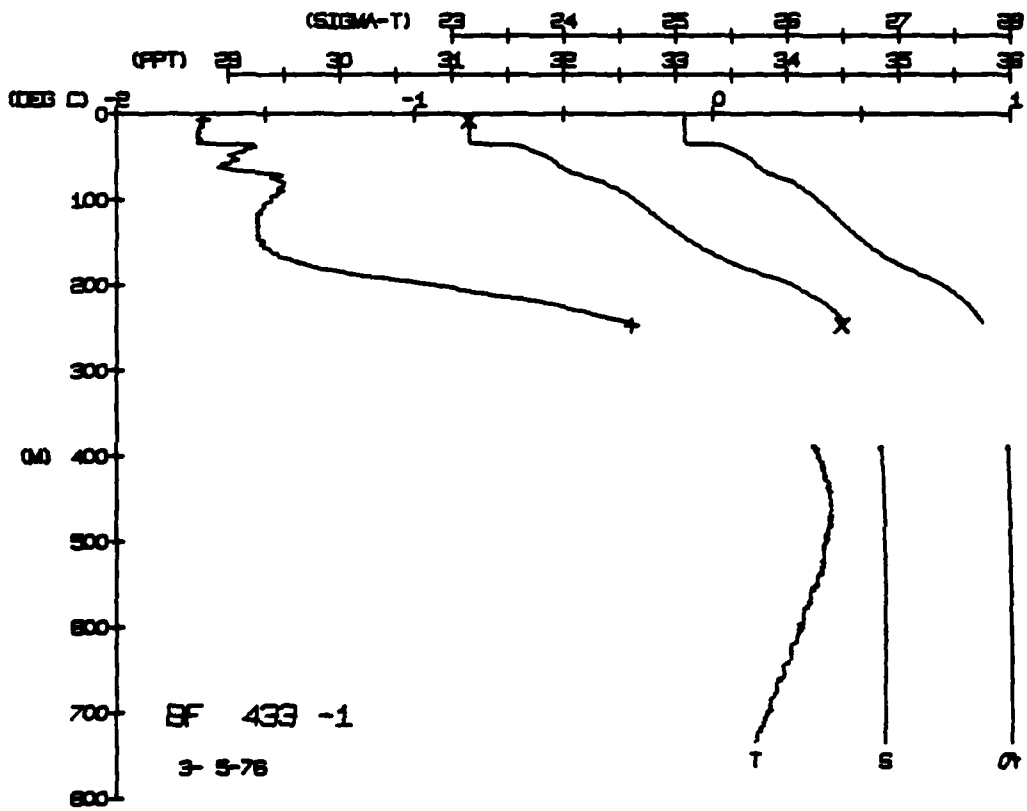
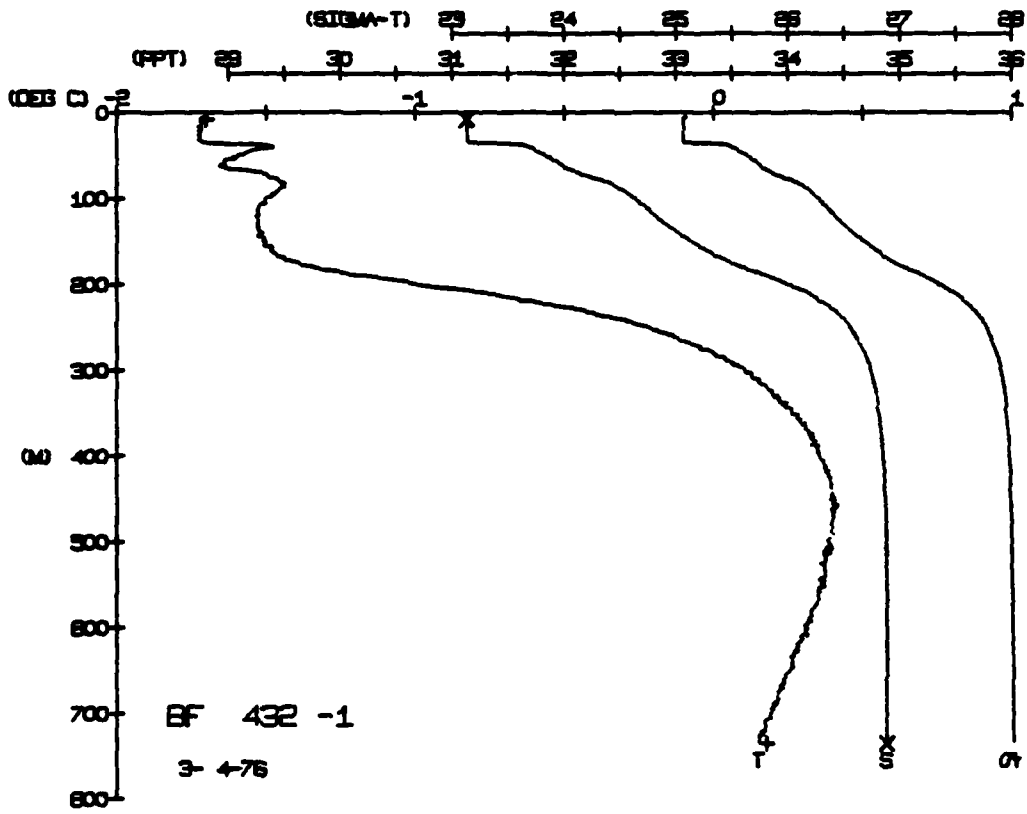
SALIN 31.13
 34.48

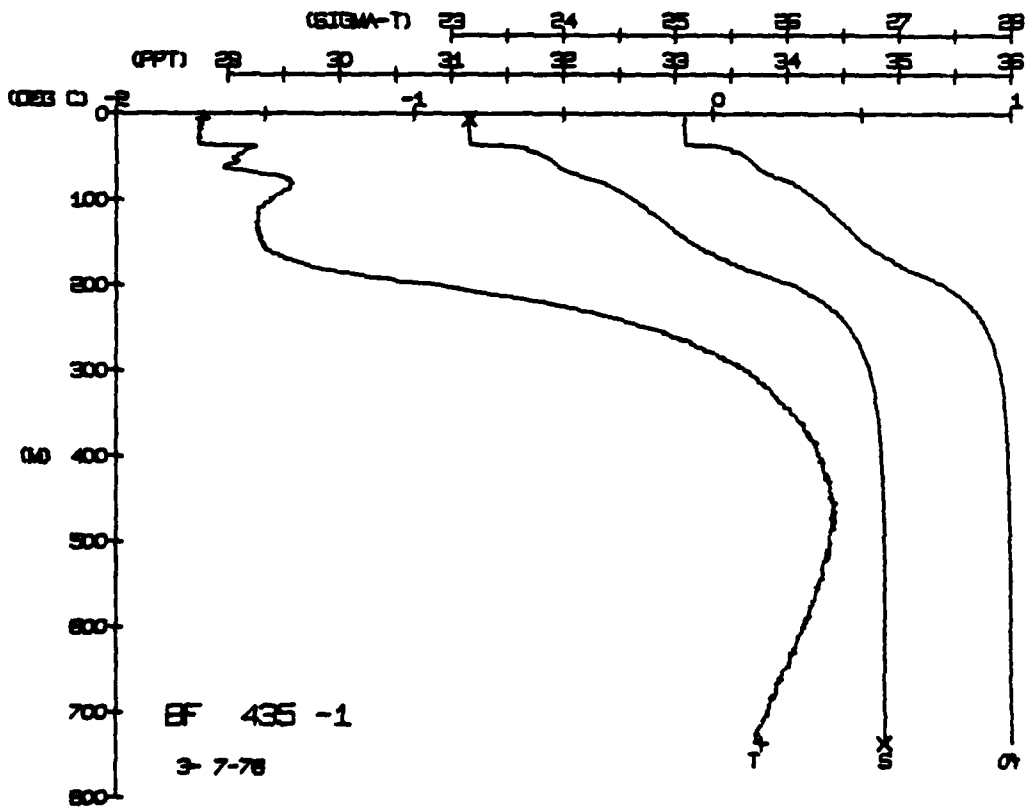
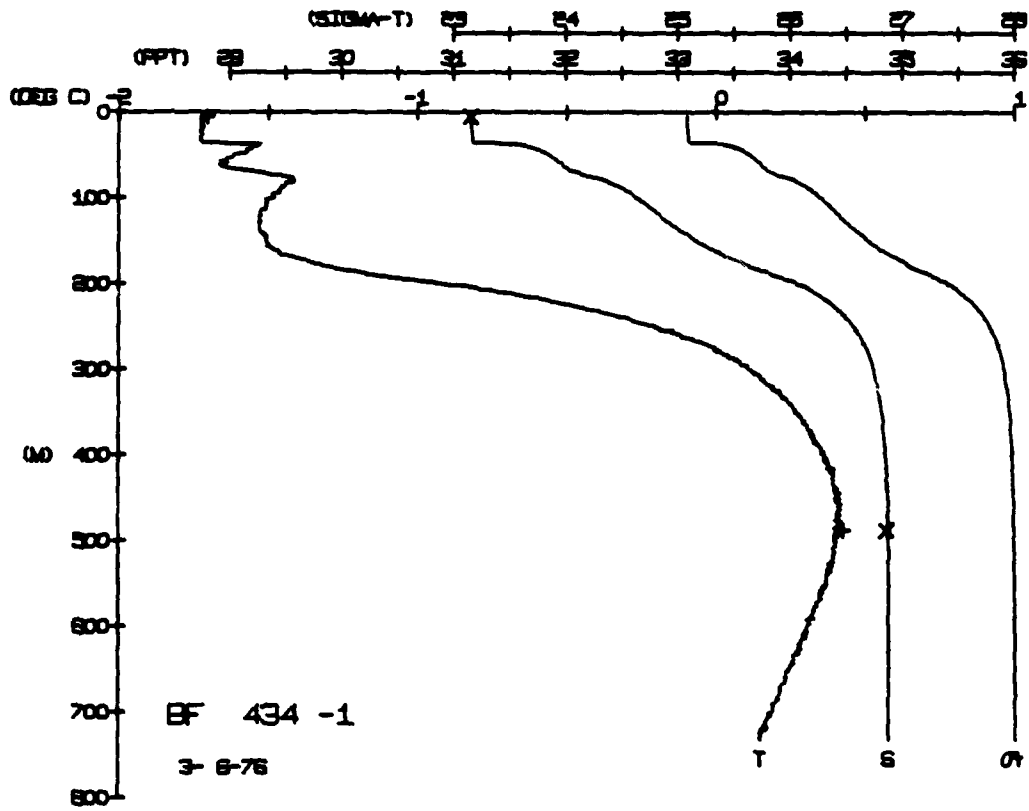
TEMP. -1.72
 -0.32

DEPTH 5.8
 241.8

BUT NUM = 1
 BUT NUM = 2







BUOY FOX STATION 436(1) CTD 8/MAR/1976 1800 GMT CODE = 3
 LAT = 72.8017N LNC = 137.3895W LTKR = 0 LGER = 0
 AIR TEMP = -39.3 BARUM = 1027.6 WIND = 347.6 SPEED = 21.9

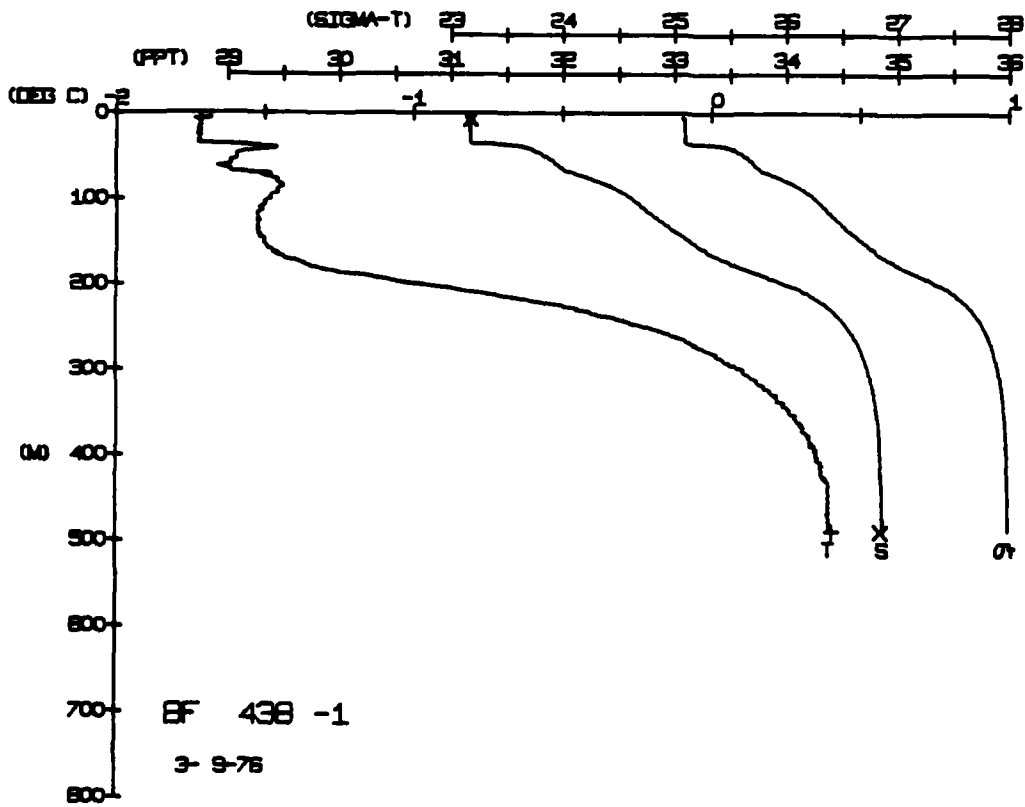
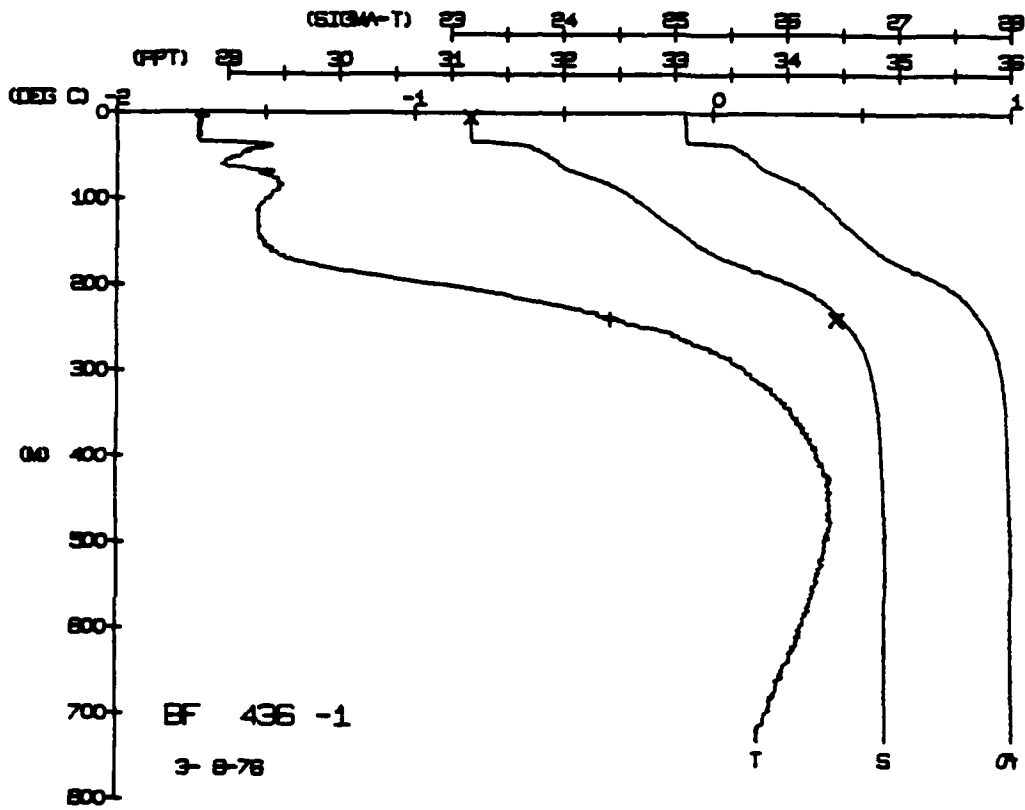
DEPTH	TEMP	PIEPM	SALIN	SIG T	SPVUL	DYHMT	SOUND
0	68	08	33	14	07	87	9.00
5	68	08	33	14	07	87	35.00
10	68	08	33	14	07	87	36.00
15	68	08	33	14	07	87	36.00
20	68	08	33	14	07	87	36.00
25	68	08	33	14	07	87	36.00
30	68	08	33	14	07	87	36.00
35	68	08	33	14	07	87	36.00
40	68	08	33	14	07	87	36.00
45	68	08	33	14	07	87	36.00
50	68	08	33	14	07	87	36.00
55	68	08	33	14	07	87	36.00
60	68	08	33	14	07	87	36.00
65	68	08	33	14	07	87	36.00
70	68	08	33	14	07	87	36.00
75	68	08	33	14	07	87	36.00
80	68	08	33	14	07	87	36.00
85	68	08	33	14	07	87	36.00
90	68	08	33	14	07	87	36.00
95	68	08	33	14	07	87	36.00
100	68	08	33	14	07	87	36.00

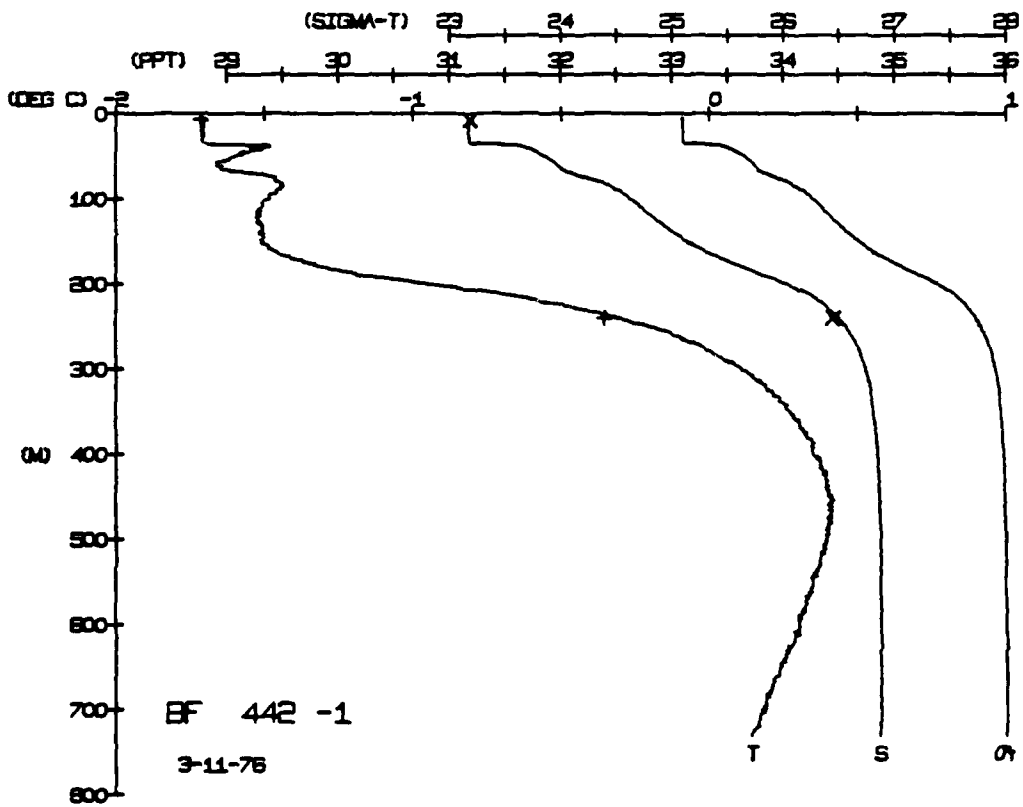
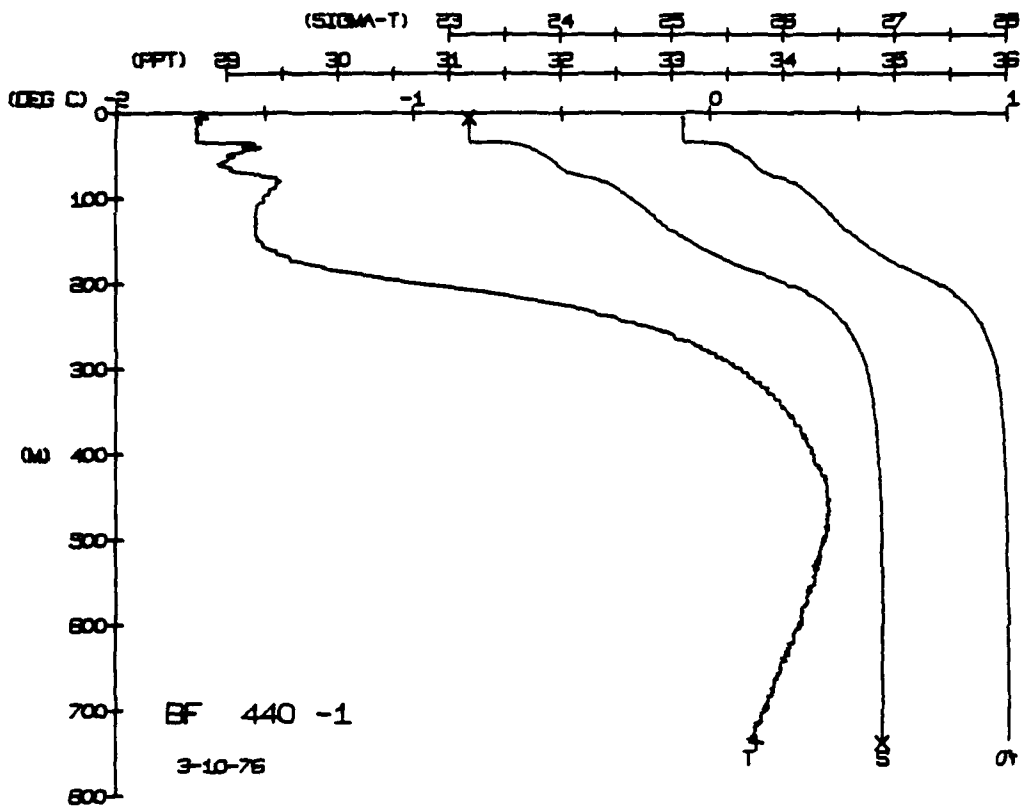
ROT NUM = 1
 ROT NUM = 2
 DEPTH 6.1
 DEPTH 487.7
 TEMP -1.72
 TEMP 0.41
 SALIN 31.18
 SALIN 34.87

BUOY FOX STATION 436(1) CTD 8/MAR/1976 1800 GMT CODE = 3
 LAT = 72.7990N LNC = 137.3627W LTKR = 0 LGER = 0
 AIR TEMP = -36.4 BARUM = 1026.6 WIND = 88.6 SPEED = 40.0

DEPTH	TEMP	PIEPM	SALIN	SIG T	SPVUL	DYHMT	SOUND
0	68	08	33	14	07	87	88800
5	68	08	33	14	07	87	35.00
10	68	08	33	14	07	87	36.00
15	68	08	33	14	07	87	36.00
20	68	08	33	14	07	87	36.00
25	68	08	33	14	07	87	36.00
30	68	08	33	14	07	87	36.00
35	68	08	33	14	07	87	36.00
40	68	08	33	14	07	87	36.00
45	68	08	33	14	07	87	36.00
50	68	08	33	14	07	87	36.00
55	68	08	33	14	07	87	36.00
60	68	08	33	14	07	87	36.00
65	68	08	33	14	07	87	36.00
70	68	08	33	14	07	87	36.00
75	68	08	33	14	07	87	36.00
80	68	08	33	14	07	87	36.00
85	68	08	33	14	07	87	36.00
90	68	08	33	14	07	87	36.00
95	68	08	33	14	07	87	36.00
100	68	08	33	14	07	87	36.00

ROT NUM = 1
 ROT NUM = 2
 DEPTH 4.9
 DEPTH 239.8
 TEMP -1.72
 TEMP -0.34
 SALIN 31.17
 SALIN 34.45





HUE FUX STATION 444(1) CTD 12/MAR/1976 1800 GMT CODE = 3
 LAT = 72.8017N LMG = 137.3926W LTR = 0. LGER = 0
 AIR TEMP = -37.2 BAROM = 1019.4 WIND = 284.0 SPEED = 38.5

BLUF. FUX STATION 446(1) CTD 13/MAR/1976 1905 GMT CODE = 3
 LAT = 72.8015N LMG = 137.3890W LTR = 1. LGER = 2
 AIR TEMP = -37.5 BAROM = 1018.6 WIND = 258.3 SPEED = 35.8

DEPTH	TEMP	PTEMP	SALIN	SIG T	SPVUL	DINH T	SOUND
0	70	70	31.1	0.07	289	0	355
5	70	70	31.1	0.07	289	0	355
10	70	70	31.1	0.07	289	0	355
15	70	70	31.1	0.07	289	0	355
20	70	70	31.1	0.07	289	0	355
25	70	70	31.1	0.07	289	0	355
30	70	70	31.1	0.07	289	0	355
35	70	70	31.1	0.07	289	0	355
40	70	70	31.1	0.07	289	0	355
45	70	70	31.1	0.07	289	0	355
50	70	70	31.1	0.07	289	0	355
55	70	70	31.1	0.07	289	0	355
60	70	70	31.1	0.07	289	0	355
65	70	70	31.1	0.07	289	0	355
70	70	70	31.1	0.07	289	0	355
75	70	70	31.1	0.07	289	0	355
80	70	70	31.1	0.07	289	0	355
85	70	70	31.1	0.07	289	0	355
90	70	70	31.1	0.07	289	0	355
95	70	70	31.1	0.07	289	0	355
100	70	70	31.1	0.07	289	0	355
105	70	70	31.1	0.07	289	0	355
110	70	70	31.1	0.07	289	0	355
115	70	70	31.1	0.07	289	0	355
120	70	70	31.1	0.07	289	0	355
125	70	70	31.1	0.07	289	0	355
130	70	70	31.1	0.07	289	0	355
135	70	70	31.1	0.07	289	0	355
140	70	70	31.1	0.07	289	0	355
145	70	70	31.1	0.07	289	0	355
150	70	70	31.1	0.07	289	0	355
155	70	70	31.1	0.07	289	0	355
160	70	70	31.1	0.07	289	0	355
165	70	70	31.1	0.07	289	0	355
170	70	70	31.1	0.07	289	0	355
175	70	70	31.1	0.07	289	0	355
180	70	70	31.1	0.07	289	0	355
185	70	70	31.1	0.07	289	0	355
190	70	70	31.1	0.07	289	0	355
195	70	70	31.1	0.07	289	0	355
200	70	70	31.1	0.07	289	0	355
205	70	70	31.1	0.07	289	0	355
210	70	70	31.1	0.07	289	0	355
215	70	70	31.1	0.07	289	0	355
220	70	70	31.1	0.07	289	0	355
225	70	70	31.1	0.07	289	0	355
230	70	70	31.1	0.07	289	0	355
235	70	70	31.1	0.07	289	0	355
240	70	70	31.1	0.07	289	0	355
245	70	70	31.1	0.07	289	0	355
250	70	70	31.1	0.07	289	0	355
255	70	70	31.1	0.07	289	0	355
260	70	70	31.1	0.07	289	0	355
265	70	70	31.1	0.07	289	0	355
270	70	70	31.1	0.07	289	0	355
275	70	70	31.1	0.07	289	0	355
280	70	70	31.1	0.07	289	0	355
285	70	70	31.1	0.07	289	0	355
290	70	70	31.1	0.07	289	0	355
295	70	70	31.1	0.07	289	0	355
300	70	70	31.1	0.07	289	0	355
305	70	70	31.1	0.07	289	0	355
310	70	70	31.1	0.07	289	0	355
315	70	70	31.1	0.07	289	0	355
320	70	70	31.1	0.07	289	0	355
325	70	70	31.1	0.07	289	0	355
330	70	70	31.1	0.07	289	0	355
335	70	70	31.1	0.07	289	0	355
340	70	70	31.1	0.07	289	0	355
345	70	70	31.1	0.07	289	0	355
350	70	70	31.1	0.07	289	0	355
355	70	70	31.1	0.07	289	0	355
360	70	70	31.1	0.07	289	0	355
365	70	70	31.1	0.07	289	0	355
370	70	70	31.1	0.07	289	0	355
375	70	70	31.1	0.07	289	0	355
380	70	70	31.1	0.07	289	0	355
385	70	70	31.1	0.07	289	0	355
390	70	70	31.1	0.07	289	0	355
395	70	70	31.1	0.07	289	0	355
400	70	70	31.1	0.07	289	0	355
405	70	70	31.1	0.07	289	0	355
410	70	70	31.1	0.07	289	0	355
415	70	70	31.1	0.07	289	0	355
420	70	70	31.1	0.07	289	0	355
425	70	70	31.1	0.07	289	0	355
430	70	70	31.1	0.07	289	0	355
435	70	70	31.1	0.07	289	0	355
440	70	70	31.1	0.07	289	0	355
445	70	70	31.1	0.07	289	0	355
450	70	70	31.1	0.07	289	0	355
455	70	70	31.1	0.07	289	0	355
460	70	70	31.1	0.07	289	0	355
465	70	70	31.1	0.07	289	0	355
470	70	70	31.1	0.07	289	0	355
475	70	70	31.1	0.07	289	0	355
480	70	70	31.1	0.07	289	0	355
485	70	70	31.1	0.07	289	0	355
490	70	70	31.1	0.07	289	0	355
495	70	70	31.1	0.07	289	0	355
500	70	70	31.1	0.07	289	0	355

DEPTH 0 5 10 15 20 25 30 35 40 45 50 55 60 65 70 75 80 85 90 95 100 105 110 115 120 125 130 135 140 145 150 155 160 165 170 175 180 185 190 195 200 205 210 215 220 225 230 235 240 245 250 255 260 265 270 275 280 285 290 295 300 305 310 315 320 325 330 335 340 345 350 355 360 365 370 375 380 385 390 395 400 405 410 415 420 425 430 435 440 445 450 455 460 465 470 475 480 485 490 495 500

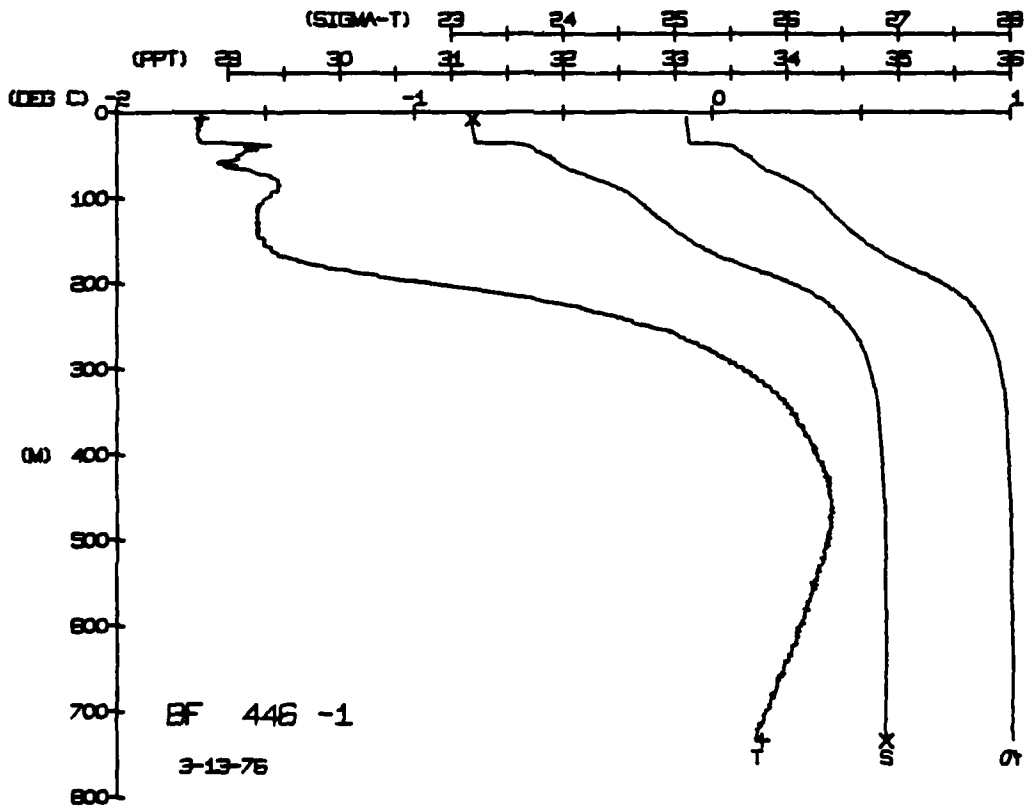
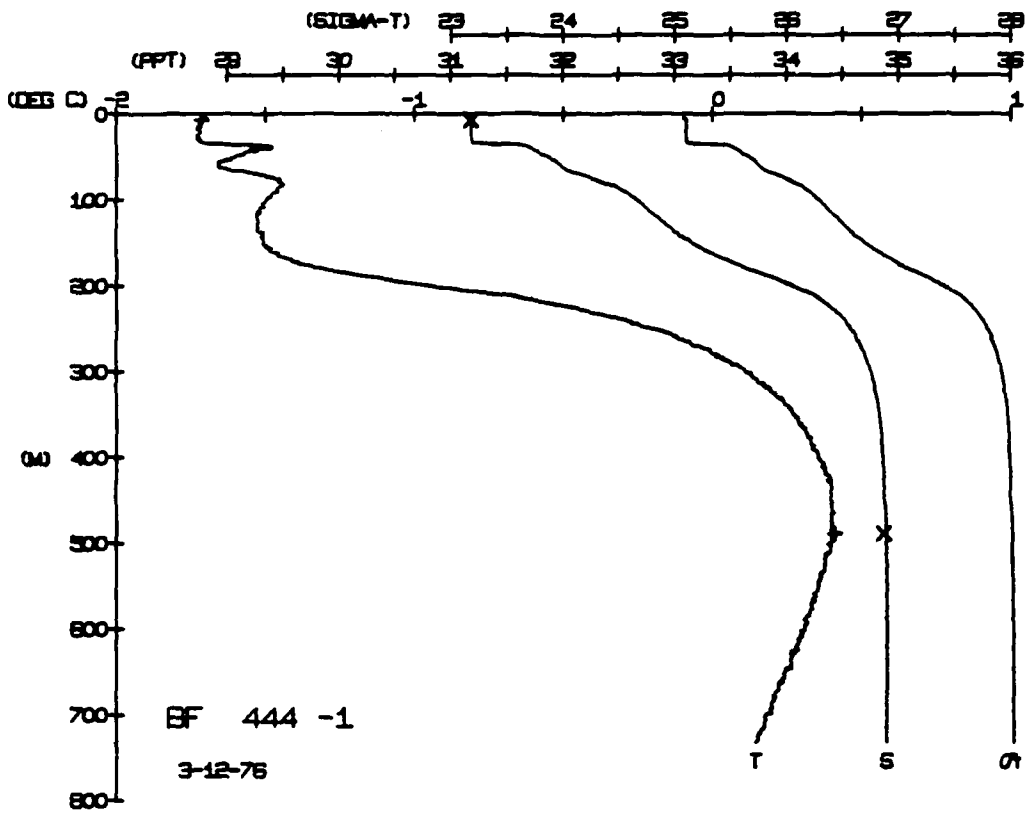
TEMP. -1.72 -0.41

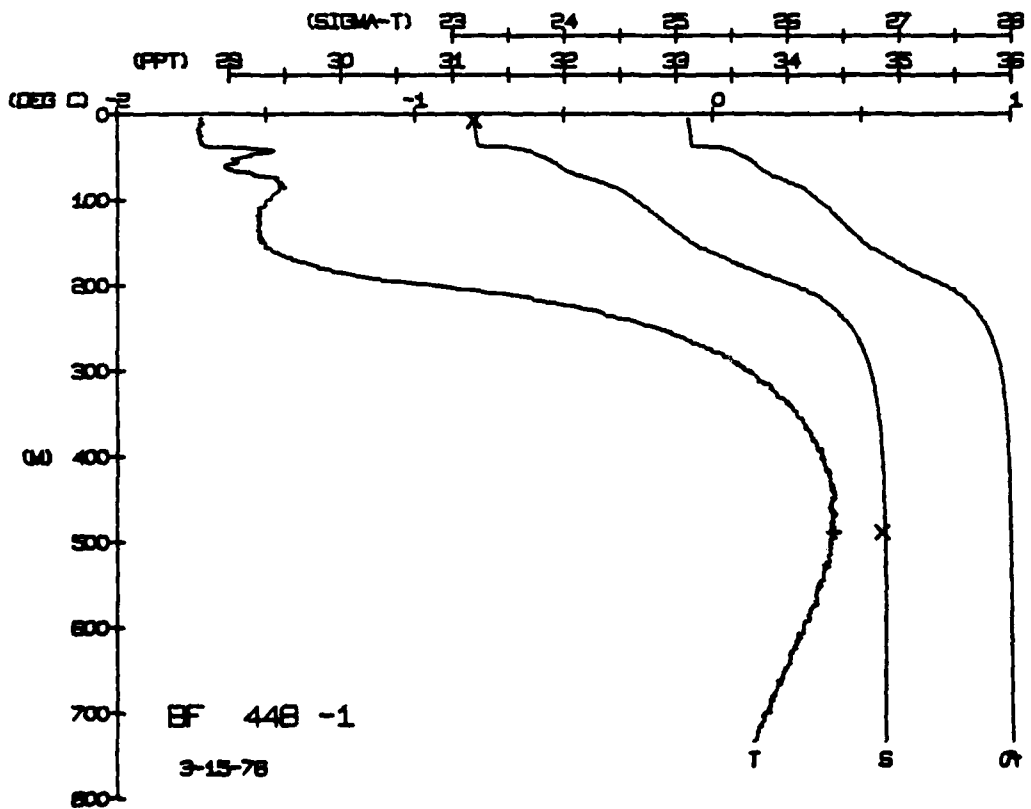
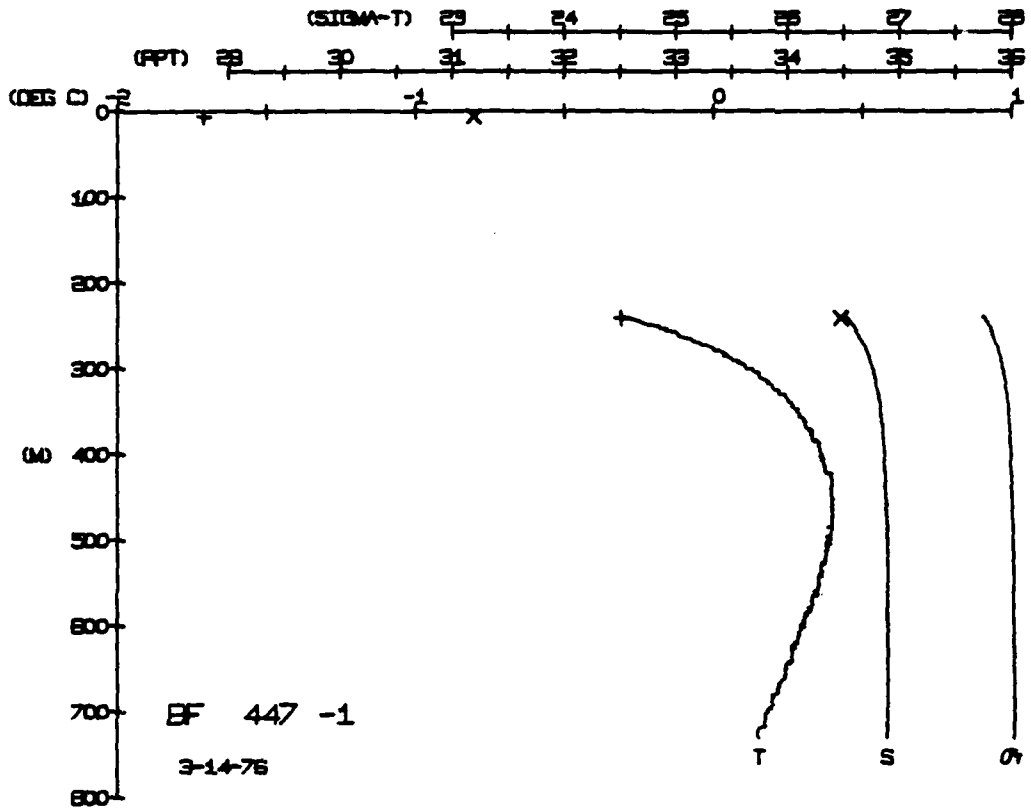
SALIN 31.17 34.86

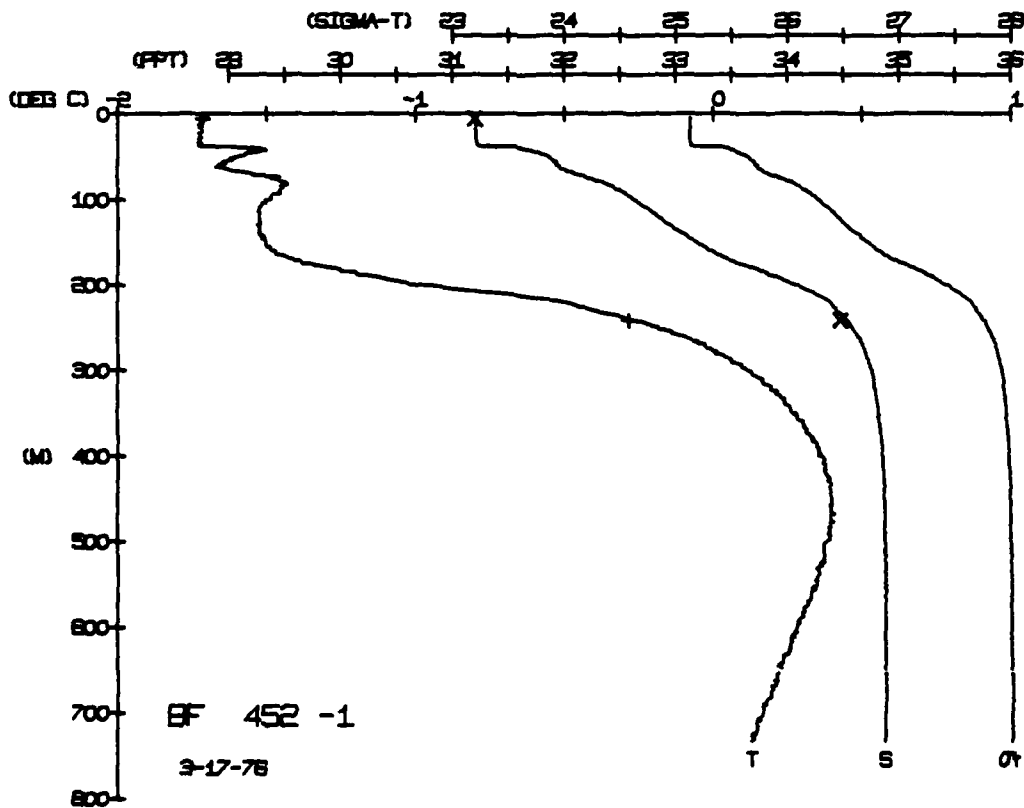
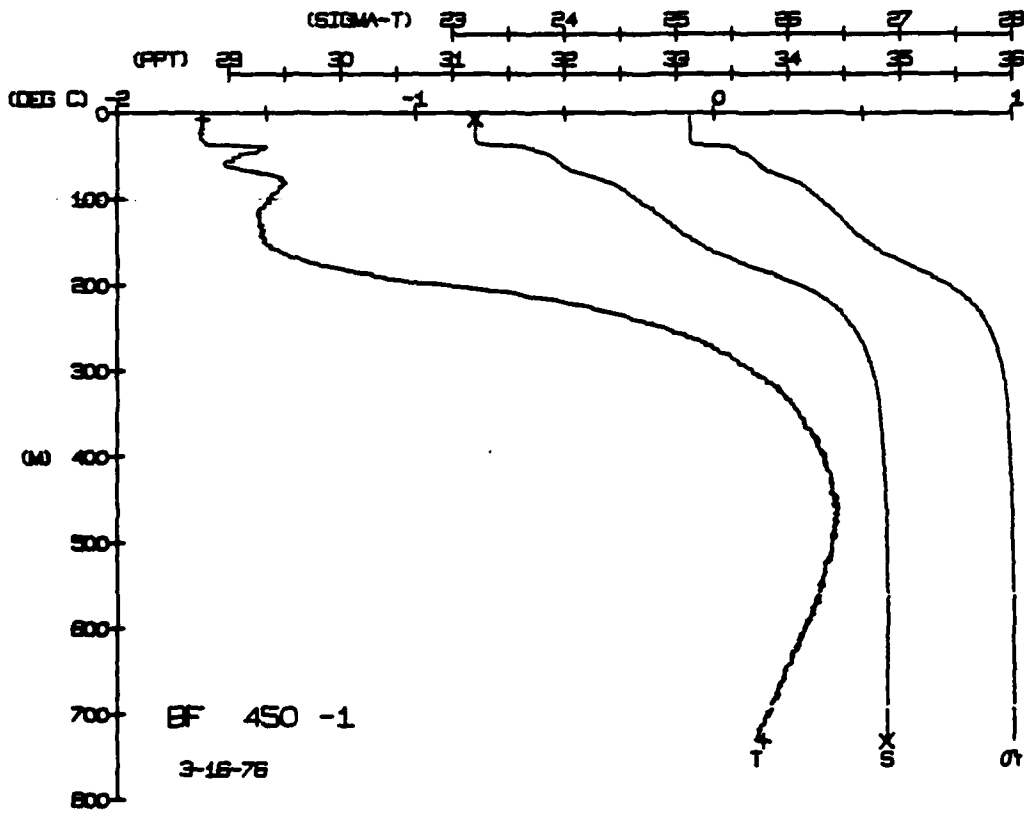
HUT NUM = 1

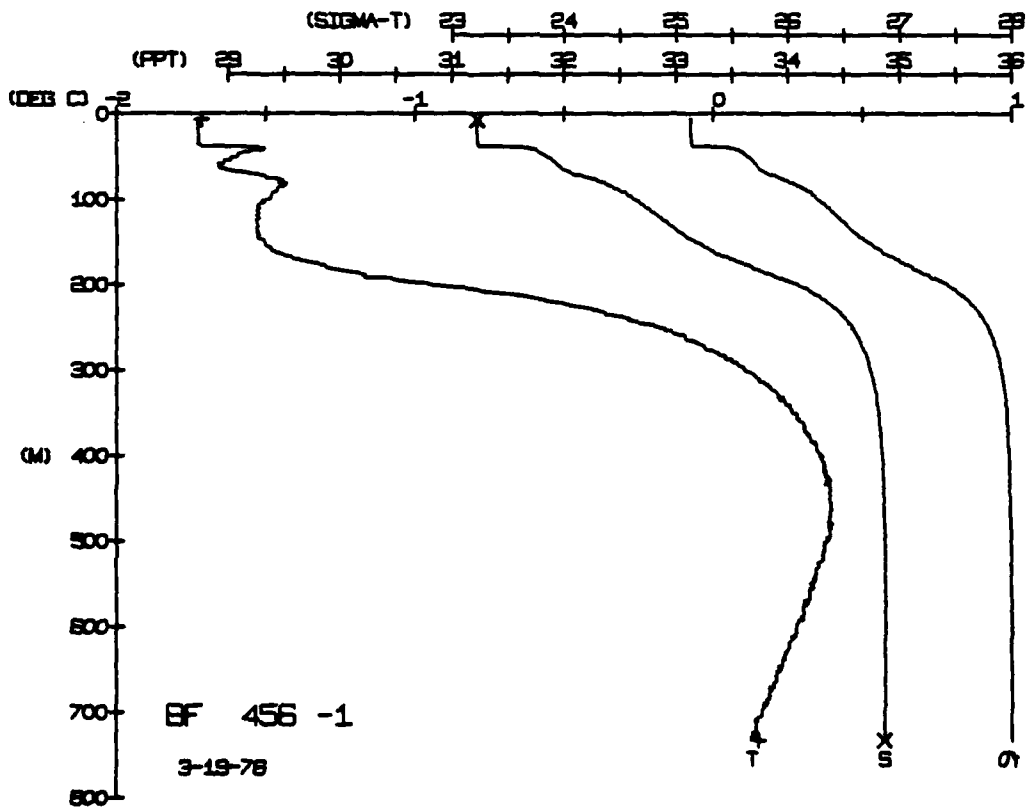
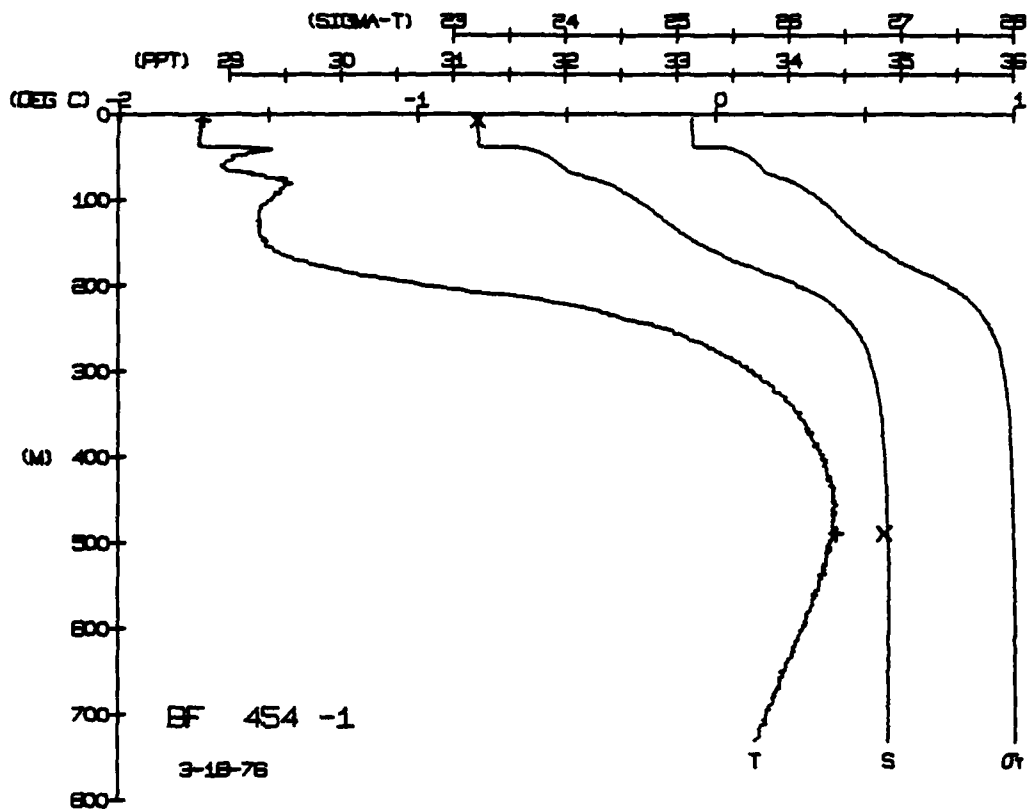
HUT NUM = 2

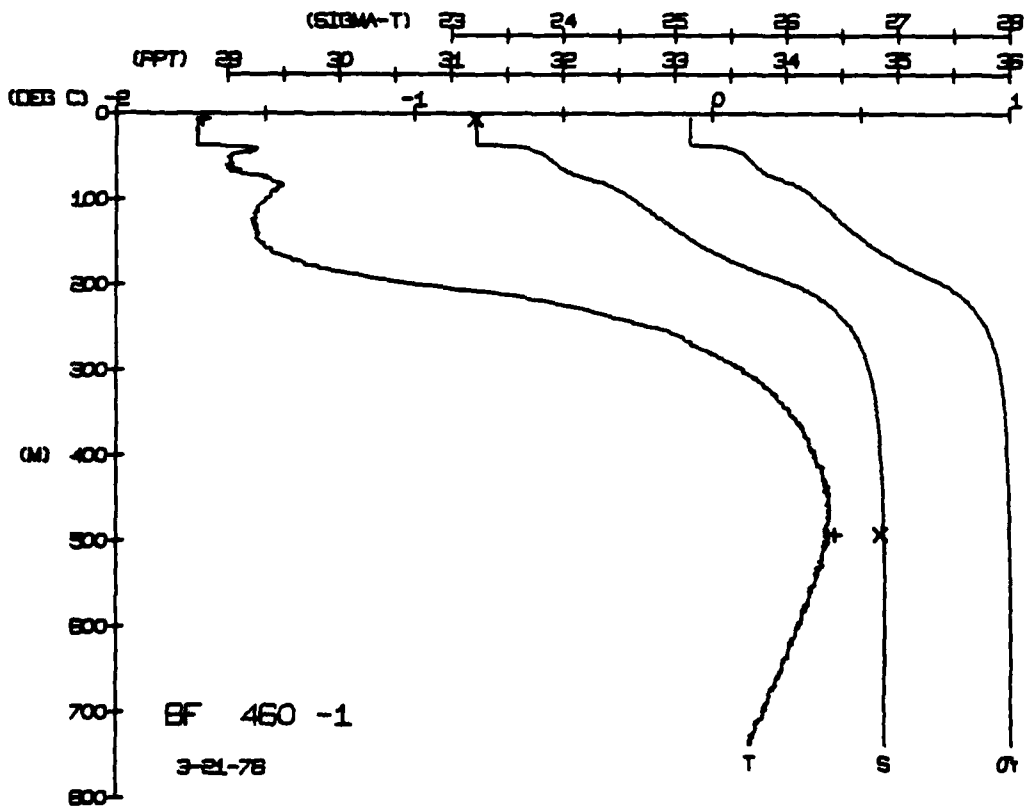
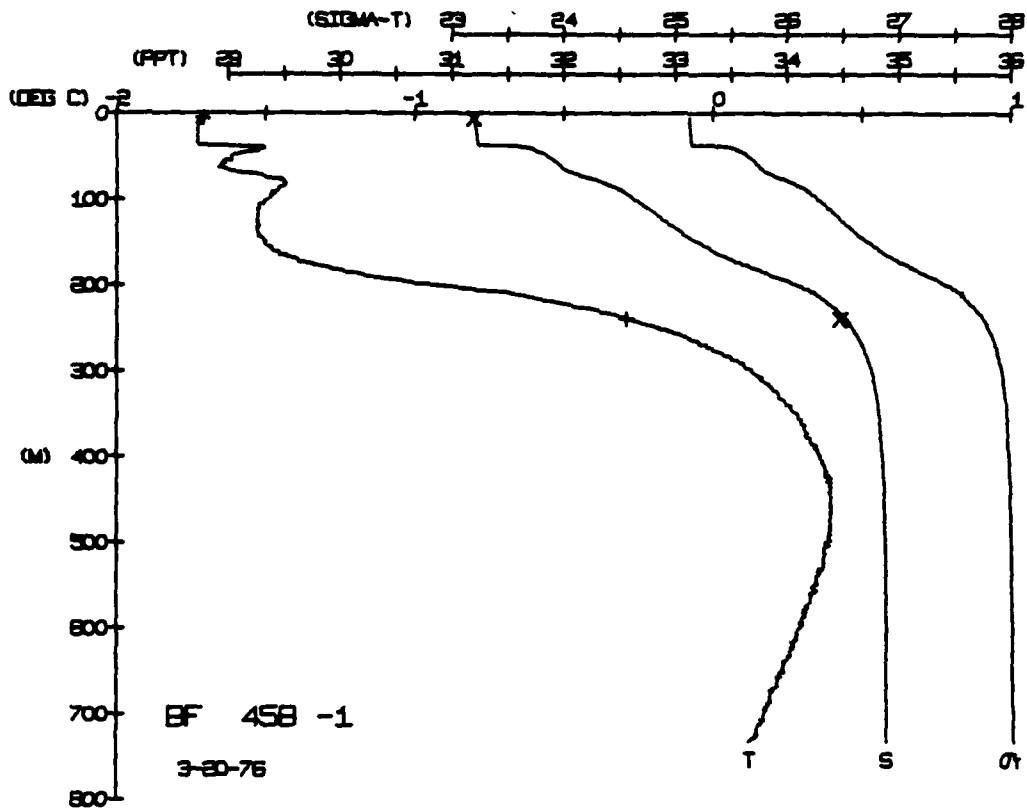
DEPTH	TEMP	PTEMP	SALIN	SIG T	SPVUL	DINH T	SOUND
0	72	72	31.1	0.07	286	0	352
5	72	72	31.1	0.07	286	0	352
10	72	72	31.1	0.07	286	0	352
15	72	72	31.1	0.07	286	0	352
20	72	72	31.1	0.07	286	0	352
25	72	72	31.1	0.07	286	0	352
30	72	72	31.1	0.07	286	0	352
35	72	72	31.1	0.07	286	0	352
40	72	72	31.1	0.07	286	0	352
45	72	72	31.1	0.07	286	0	352
50	72	72	31.1	0.07	286	0	352
55	72	72	31.1	0.07	286	0	352
60	72	72	31.1	0.07	286	0	352
65	72	72	31.1	0.07	286	0	352
70	72	72	31.1	0.07	286	0	352
75	72	72	31.1	0.07	286	0	352
80	72	72	31.1	0.07	286	0	352
85	72	72	31.1	0.07	286	0	352
90	72	72	31.1	0.07	286	0	352
95	72	72	31.1	0.07	286	0	352
100	72	72	31.1	0.07	286	0	352
105	72	72	31.1	0.07	286	0	352
110	72	72	31.1	0.07	286	0	352
115	72	72	31.1	0.07	286	0	352
120	72	72	31.1	0.07	286	0	352
125	72	72	31.1	0.07	286	0	352
130	72	72	31.1	0.07	286	0	352
135	72	72	31.1	0.07	286	0	352
140	72	72	31.1	0.07	286	0	352
145	72	72	31.1	0.07	286	0	352
150	72	72	31.1	0.07	286	0	352
155	72	72	31.1	0.07	286	0	352
160	72	72	31.1	0.07	286	0	352
165	72	72	31.1	0.07	286	0	352
170	72	72	31.1	0.07	286	0	352
175	72	72	31.1	0.07	286	0	352
180	72	72	31.1	0.07	286	0	352
185	72	72	31.1	0.07	286	0	352
190	72	72	31.1	0.07	286	0	352
195	72	72	31.1	0.07	286	0	352
200	72	72	31.1	0.07	286	0	352
205	72	72	31.1	0.07	286	0	352
210	72	72	31.1	0.07	286	0	352
215	72	72	31.1	0.07	286	0	352
220	72	72	31.1	0.07	286	0	352
225	72	72	31.1	0.07	286	0	352
230	72	72	31.1	0.07	286	0	352
235	72	72	31.1	0.07	286	0	352
240	72	72	31.1	0.07	286	0	352
245	72	72	31.1	0.07	286	0	352
250	72	72	31.1	0.07	286	0	352
255	72	72	31.1	0.07	286	0	352
260	72	72	31.1	0.07	286	0	352
265	72	72	31.1	0.07	286	0	352
270	72	72	31.1	0.07	286	0	352
275	72	72	31.1	0.07	286	0	352
280	72	72	31.1	0.07	286	0	352
285	72	72	31.1	0.07	286	0	352
290	72	72	31.1	0.07	286	0	352
295	72	72	31.1	0.07	286	0	352
300	72	72	31.1	0.07	286	0	352
305	72	72	31.1	0.07	286	0	352
310	72	72	31.1	0.07	286	0	352
315	72	72	31.1	0.07	286	0	352
320	72	72	31.1	0.07	286	0	352
325	72	72	31.1	0.07	286	0	352
330	72	72	31.1	0.07	286	0	352
335	72	72	31.1	0.07	286	0	352
340	72	72	31.1	0.07	286	0	352
345	72	72					











BLUE FOX STATION 454(1) CTD 23/MAR/1976 1803 GMT CODE = 3
 LAT = 72.7171N LNG = 137.1550W LTER = 0. LGER = 2.
 AIR TEMP = -31.4 BARUM = 1011.6 WIND = 297.9 SPEED = 28.8

DEPTH	TEMP	PIEMP	SALIN	SIG T	SPVOL	DYNHT	SOUND
0	1.73	1.73	33.33	2.22	283	0.0	1435
5	1.73	1.73	33.33	2.22	283	0.0	1435
10	1.73	1.73	33.33	2.22	283	0.0	1435
15	1.73	1.73	33.33	2.22	283	0.0	1435
20	1.73	1.73	33.33	2.22	283	0.0	1435
25	1.73	1.73	33.33	2.22	283	0.0	1435
30	1.73	1.73	33.33	2.22	283	0.0	1435
35	1.73	1.73	33.33	2.22	283	0.0	1435
40	1.73	1.73	33.33	2.22	283	0.0	1435
45	1.73	1.73	33.33	2.22	283	0.0	1435
50	1.73	1.73	33.33	2.22	283	0.0	1435
55	1.73	1.73	33.33	2.22	283	0.0	1435
60	1.73	1.73	33.33	2.22	283	0.0	1435
65	1.73	1.73	33.33	2.22	283	0.0	1435
70	1.73	1.73	33.33	2.22	283	0.0	1435
75	1.73	1.73	33.33	2.22	283	0.0	1435
80	1.73	1.73	33.33	2.22	283	0.0	1435
85	1.73	1.73	33.33	2.22	283	0.0	1435
90	1.73	1.73	33.33	2.22	283	0.0	1435
95	1.73	1.73	33.33	2.22	283	0.0	1435
100	1.73	1.73	33.33	2.22	283	0.0	1435

DEPTH 0 5 10 15 20 25 30 35 40 45 50 55 60 65 70 75 80 85 90 95 100
 BOT NUM = 1
 HWT NUM = 2
 DEPTH 4.9 240.6
 TEMP. -1.72 -0.28
 SALIN 31.22 34.49

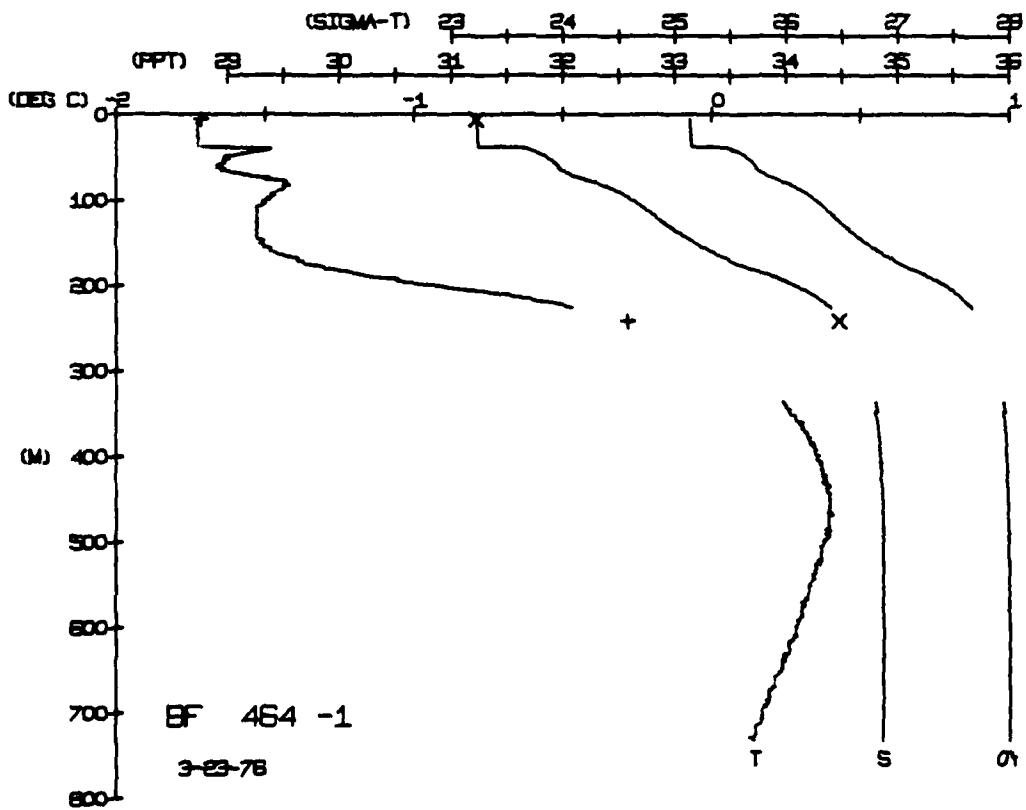
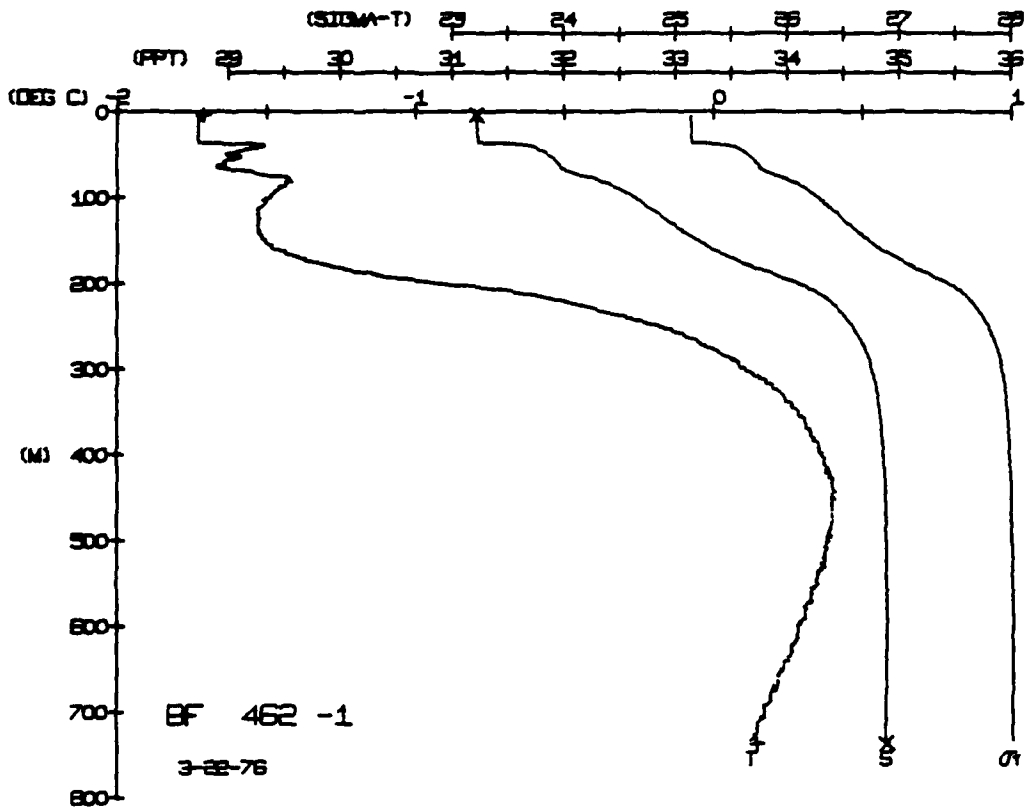
BLUE FOX STATION 462(1) CTD 22/MAR/1976 1800 GMT CODE = 3
 LAT = 72.7172N LNG = 137.1550W LTER = 0. LGER = 0.
 AIR TEMP = -30.0 BARUM = 1014.4 WIND = 299.0 SPEED = 71.3

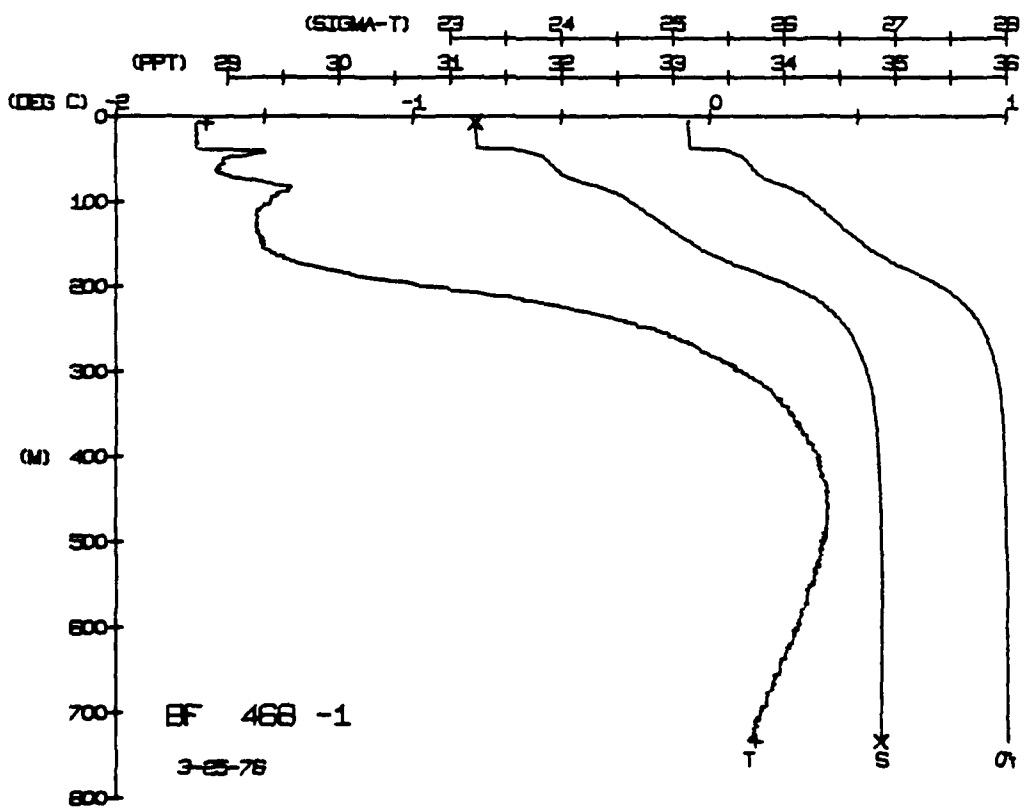
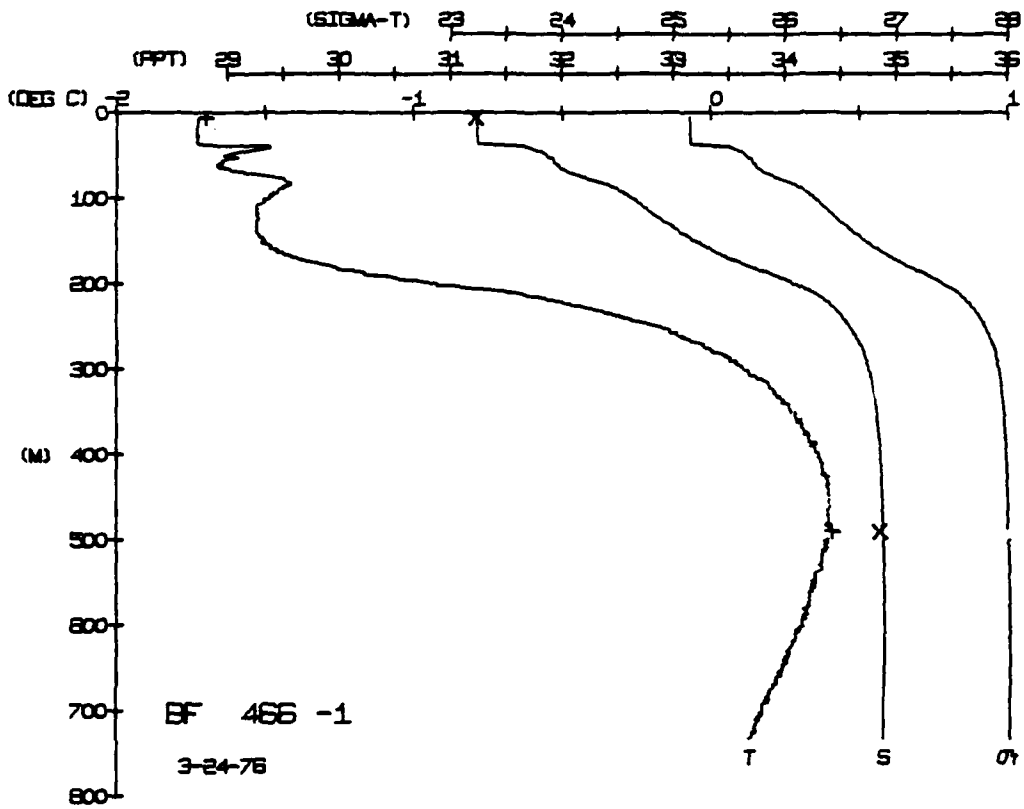
DEPTH	TEMP	PIEMP	SALIN	SIG T	SPVOL	DYNHT	SOUND
0	1.73	1.73	33.33	2.22	284	0.0	1436
5	1.73	1.73	33.33	2.22	284	0.0	1436
10	1.73	1.73	33.33	2.22	284	0.0	1436
15	1.73	1.73	33.33	2.22	284	0.0	1436
20	1.73	1.73	33.33	2.22	284	0.0	1436
25	1.73	1.73	33.33	2.22	284	0.0	1436
30	1.73	1.73	33.33	2.22	284	0.0	1436
35	1.73	1.73	33.33	2.22	284	0.0	1436
40	1.73	1.73	33.33	2.22	284	0.0	1436
45	1.73	1.73	33.33	2.22	284	0.0	1436
50	1.73	1.73	33.33	2.22	284	0.0	1436
55	1.73	1.73	33.33	2.22	284	0.0	1436
60	1.73	1.73	33.33	2.22	284	0.0	1436
65	1.73	1.73	33.33	2.22	284	0.0	1436
70	1.73	1.73	33.33	2.22	284	0.0	1436
75	1.73	1.73	33.33	2.22	284	0.0	1436
80	1.73	1.73	33.33	2.22	284	0.0	1436
85	1.73	1.73	33.33	2.22	284	0.0	1436
90	1.73	1.73	33.33	2.22	284	0.0	1436
95	1.73	1.73	33.33	2.22	284	0.0	1436
100	1.73	1.73	33.33	2.22	284	0.0	1436

DEPTH 0 5 10 15 20 25 30 35 40 45 50 55 60 65 70 75 80 85 90 95 100
 BOT NUM = 1
 HWT NUM = 2
 DEPTH 3.0 735.8
 TEMP. -1.71 0.15
 SALIN 31.22 34.89

DEPTH	TEMP	PIEMP	SALIN	SIG T	SPVOL	DYNHT	SOUND
0	1.73	1.73	33.33	2.22	284	0.0	1436
5	1.73	1.73	33.33	2.22	284	0.0	1436
10	1.73	1.73	33.33	2.22	284	0.0	1436
15	1.73	1.73	33.33	2.22	284	0.0	1436
20	1.73	1.73	33.33	2.22	284	0.0	1436
25	1.73	1.73	33.33	2.22	284	0.0	1436
30	1.73	1.73	33.33	2.22	284	0.0	1436
35	1.73	1.73	33.33	2.22	284	0.0	1436
40	1.73	1.73	33.33	2.22	284	0.0	1436
45	1.73	1.73	33.33	2.22	284	0.0	1436
50	1.73	1.73	33.33	2.22	284	0.0	1436
55	1.73	1.73	33.33	2.22	284	0.0	1436
60	1.73	1.73	33.33	2.22	284	0.0	1436
65	1.73	1.73	33.33	2.22	284	0.0	1436
70	1.73	1.73	33.33	2.22	284	0.0	1436
75	1.73	1.73	33.33	2.22	284	0.0	1436
80	1.73	1.73	33.33	2.22	284	0.0	1436
85	1.73	1.73	33.33	2.22	284	0.0	1436
90	1.73	1.73	33.33	2.22	284	0.0	1436
95	1.73	1.73	33.33	2.22	284	0.0	1436
100	1.73	1.73	33.33	2.22	284	0.0	1436

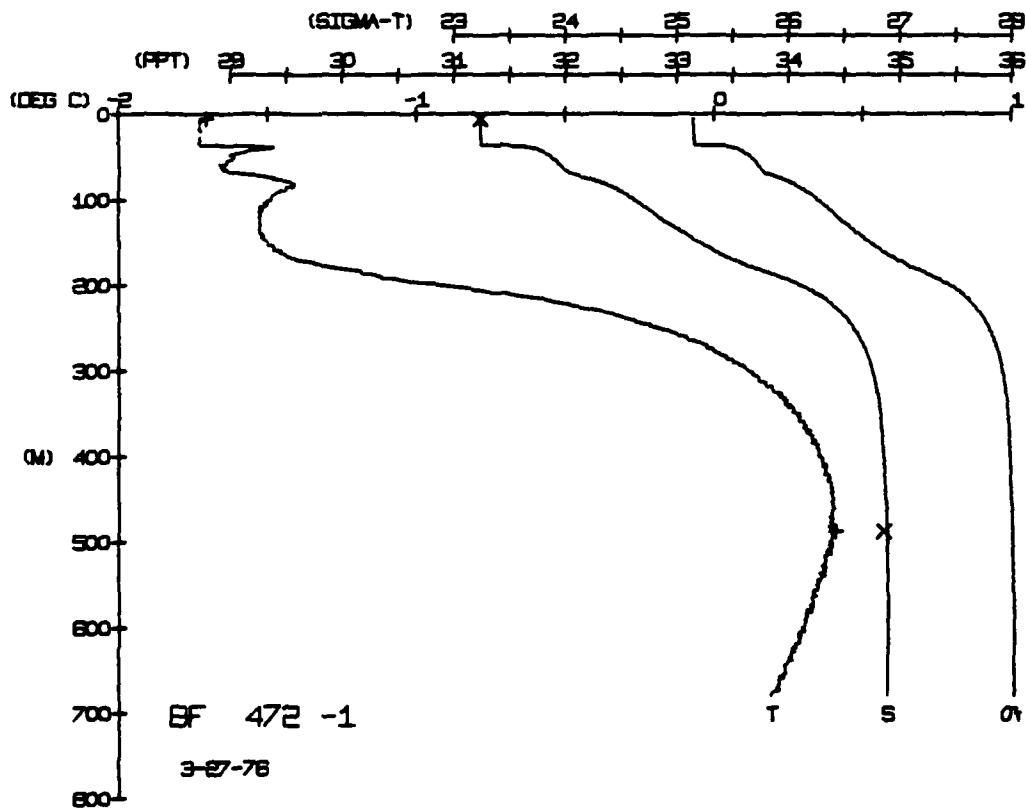
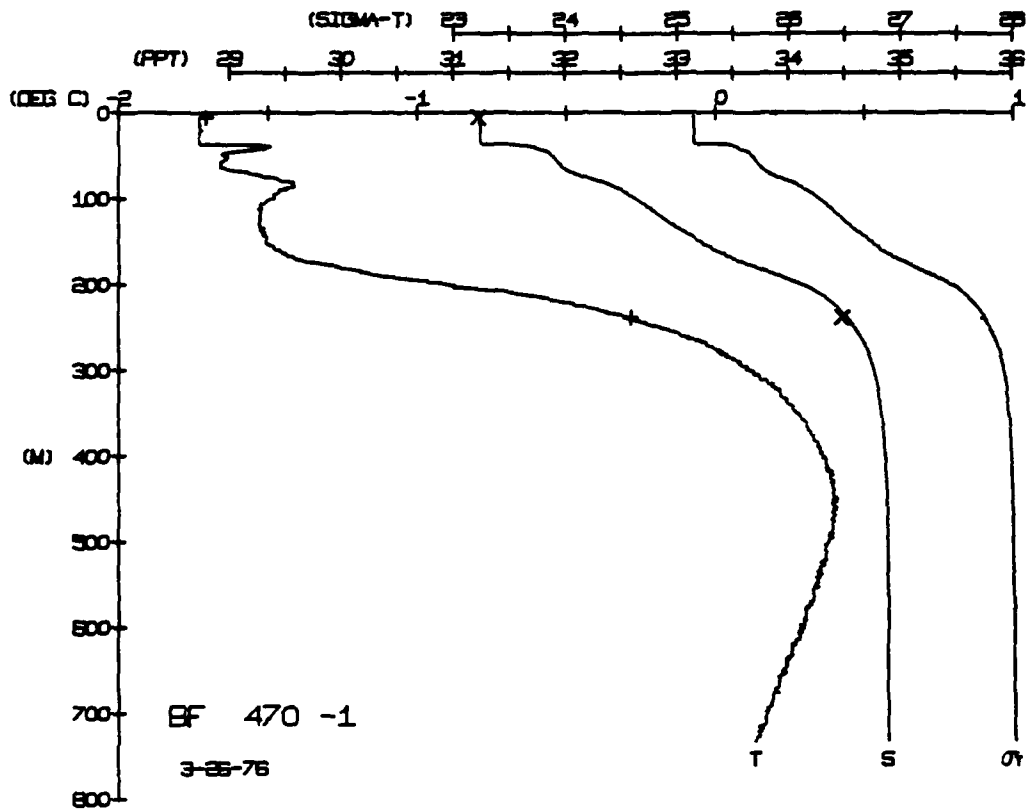
DEPTH 0 5 10 15 20 25 30 35 40 45 50 55 60 65 70 75 80 85 90 95 100
 BOT NUM = 1
 HWT NUM = 2
 DEPTH 4.9 240.6
 TEMP. -1.72 -0.28
 SALIN 31.22 34.49





BLUE FOX STATION 472(1) CTD 27/MAR/1976 1802 GMT CODE = 3
 LAT = 72.9170N LNG = 137.1520W U.T.C.R. = 1. UGER = 58.7
 AIR TEMP = -22.4 BARUM = 1004.5 WIND = 69.8 SPEED = 58.7

DEPTH	TEMP	PIEMP	SALIN	SIG T	SPVUL	DINHT	SOUND
0.5	72.2	1.1	33.3	2.2	1.1	0.0	435.5
1.0	72.2	1.1	33.3	2.2	1.1	0.0	436.6
1.5	72.2	1.1	33.3	2.2	1.1	0.0	437.7
2.0	72.2	1.1	33.3	2.2	1.1	0.0	438.8
2.5	72.2	1.1	33.3	2.2	1.1	0.0	439.9
3.0	72.2	1.1	33.3	2.2	1.1	0.0	441.1
3.5	72.2	1.1	33.3	2.2	1.1	0.0	442.2
4.0	72.2	1.1	33.3	2.2	1.1	0.0	443.3
4.5	72.2	1.1	33.3	2.2	1.1	0.0	444.4
5.0	72.2	1.1	33.3	2.2	1.1	0.0	445.5
5.5	72.2	1.1	33.3	2.2	1.1	0.0	446.6
6.0	72.2	1.1	33.3	2.2	1.1	0.0	447.7
6.5	72.2	1.1	33.3	2.2	1.1	0.0	448.8
7.0	72.2	1.1	33.3	2.2	1.1	0.0	449.9
7.5	72.2	1.1	33.3	2.2	1.1	0.0	451.1
8.0	72.2	1.1	33.3	2.2	1.1	0.0	452.2
8.5	72.2	1.1	33.3	2.2	1.1	0.0	453.3
9.0	72.2	1.1	33.3	2.2	1.1	0.0	454.4
9.5	72.2	1.1	33.3	2.2	1.1	0.0	455.5
10.0	72.2	1.1	33.3	2.2	1.1	0.0	456.6
10.5	72.2	1.1	33.3	2.2	1.1	0.0	457.7
11.0	72.2	1.1	33.3	2.2	1.1	0.0	458.8
11.5	72.2	1.1	33.3	2.2	1.1	0.0	459.9
12.0	72.2	1.1	33.3	2.2	1.1	0.0	461.1
12.5	72.2	1.1	33.3	2.2	1.1	0.0	462.2
13.0	72.2	1.1	33.3	2.2	1.1	0.0	463.3
13.5	72.2	1.1	33.3	2.2	1.1	0.0	464.4
14.0	72.2	1.1	33.3	2.2	1.1	0.0	465.5
14.5	72.2	1.1	33.3	2.2	1.1	0.0	466.6
15.0	72.2	1.1	33.3	2.2	1.1	0.0	467.7
15.5	72.2	1.1	33.3	2.2	1.1	0.0	468.8
16.0	72.2	1.1	33.3	2.2	1.1	0.0	469.9
16.5	72.2	1.1	33.3	2.2	1.1	0.0	471.1
17.0	72.2	1.1	33.3	2.2	1.1	0.0	472.2
17.5	72.2	1.1	33.3	2.2	1.1	0.0	473.3
18.0	72.2	1.1	33.3	2.2	1.1	0.0	474.4
18.5	72.2	1.1	33.3	2.2	1.1	0.0	475.5
19.0	72.2	1.1	33.3	2.2	1.1	0.0	476.6
19.5	72.2	1.1	33.3	2.2	1.1	0.0	477.7
20.0	72.2	1.1	33.3	2.2	1.1	0.0	478.8
20.5	72.2	1.1	33.3	2.2	1.1	0.0	479.9
21.0	72.2	1.1	33.3	2.2	1.1	0.0	481.1
21.5	72.2	1.1	33.3	2.2	1.1	0.0	482.2
22.0	72.2	1.1	33.3	2.2	1.1	0.0	483.3
22.5	72.2	1.1	33.3	2.2	1.1	0.0	484.4
23.0	72.2	1.1	33.3	2.2	1.1	0.0	485.5
23.5	72.2	1.1	33.3	2.2	1.1	0.0	486.6
24.0	72.2	1.1	33.3	2.2	1.1	0.0	487.7
24.5	72.2	1.1	33.3	2.2	1.1	0.0	488.8
25.0	72.2	1.1	33.3	2.2	1.1	0.0	489.9
25.5	72.2	1.1	33.3	2.2	1.1	0.0	491.1
26.0	72.2	1.1	33.3	2.2	1.1	0.0	492.2
26.5	72.2	1.1	33.3	2.2	1.1	0.0	493.3
27.0	72.2	1.1	33.3	2.2	1.1	0.0	494.4
27.5	72.2	1.1	33.3	2.2	1.1	0.0	495.5
28.0	72.2	1.1	33.3	2.2	1.1	0.0	496.6
28.5	72.2	1.1	33.3	2.2	1.1	0.0	497.7
29.0	72.2	1.1	33.3	2.2	1.1	0.0	498.8
29.5	72.2	1.1	33.3	2.2	1.1	0.0	499.9
30.0	72.2	1.1	33.3	2.2	1.1	0.0	501.1
30.5	72.2	1.1	33.3	2.2	1.1	0.0	502.2
31.0	72.2	1.1	33.3	2.2	1.1	0.0	503.3
31.5	72.2	1.1	33.3	2.2	1.1	0.0	504.4
32.0	72.2	1.1	33.3	2.2	1.1	0.0	505.5
32.5	72.2	1.1	33.3	2.2	1.1	0.0	506.6
33.0	72.2	1.1	33.3	2.2	1.1	0.0	507.7
33.5	72.2	1.1	33.3	2.2	1.1	0.0	508.8
34.0	72.2	1.1	33.3	2.2	1.1	0.0	509.9
34.5	72.2	1.1	33.3	2.2	1.1	0.0	511.1
35.0	72.2	1.1	33.3	2.2	1.1	0.0	512.2
35.5	72.2	1.1	33.3	2.2	1.1	0.0	513.3
36.0	72.2	1.1	33.3	2.2	1.1	0.0	514.4
36.5	72.2	1.1	33.3	2.2	1.1	0.0	515.5
37.0	72.2	1.1	33.3	2.2	1.1	0.0	516.6
37.5	72.2	1.1	33.3	2.2	1.1	0.0	517.7
38.0	72.2	1.1	33.3	2.2	1.1	0.0	518.8
38.5	72.2	1.1	33.3	2.2	1.1	0.0	519.9
39.0	72.2	1.1	33.3	2.2	1.1	0.0	521.1
39.5	72.2	1.1	33.3	2.2	1.1	0.0	522.2
40.0	72.2	1.1	33.3	2.2	1.1	0.0	523.3
40.5	72.2	1.1	33.3	2.2	1.1	0.0	524.4
41.0	72.2	1.1	33.3	2.2	1.1	0.0	525.5
41.5	72.2	1.1	33.3	2.2	1.1	0.0	526.6
42.0	72.2	1.1	33.3	2.2	1.1	0.0	527.7
42.5	72.2	1.1	33.3	2.2	1.1	0.0	528.8
43.0	72.2	1.1	33.3	2.2	1.1	0.0	529.9
43.5	72.2	1.1	33.3	2.2	1.1	0.0	531.1
44.0	72.2	1.1	33.3	2.2	1.1	0.0	532.2
44.5	72.2	1.1	33.3	2.2	1.1	0.0	533.3
45.0	72.2	1.1	33.3	2.2	1.1	0.0	534.4
45.5	72.2	1.1	33.3	2.2	1.1	0.0	535.5
46.0	72.2	1.1	33.3	2.2	1.1	0.0	536.6
46.5	72.2	1.1	33.3	2.2	1.1	0.0	537.7
47.0	72.2	1.1	33.3	2.2	1.1	0.0	538.8
47.5	72.2	1.1	33.3	2.2	1.1	0.0	539.9
48.0	72.2	1.1	33.3	2.2	1.1	0.0	541.1
48.5	72.2	1.1	33.3	2.2	1.1	0.0	542.2
49.0	72.2	1.1	33.3	2.2	1.1	0.0	543.3
49.5	72.2	1.1	33.3	2.2	1.1	0.0	544.4
50.0	72.2	1.1	33.3	2.2	1.1	0.0	545.5
50.5	72.2	1.1	33.3	2.2	1.1	0.0	546.6
51.0	72.2	1.1	33.3	2.2	1.1	0.0	547.7
51.5	72.2	1.1	33.3	2.2	1.1	0.0	548.8
52.0	72.2	1.1	33.3	2.2	1.1	0.0	549.9
52.5	72.2	1.1	33.3	2.2	1.1	0.0	551.1
53.0	72.2	1.1	33.3	2.2	1.1	0.0	552.2
53.5	72.2	1.1	33.3	2.2	1.1	0.0	553.3
54.0	72.2	1.1	33.3	2.2	1.1	0.0	554.4
54.5	72.2	1.1	33.3	2.2	1.1	0.0	555.5
55.0	72.2	1.1	33.3	2.2	1.1	0.0	556.6
55.5	72.2	1.1	33.3	2.2	1.1	0.0	557.7
56.0	72.2	1.1	33.3	2.2	1.1	0.0	558.8
56.5	72.2	1.1	33.3	2.2	1.1	0.0	559.9
57.0	72.2	1.1	33.3	2.2	1.1	0.0	561.1
57.5	72.2	1.1	33.3	2.2	1.1	0.0	562.2
58.0	72.2	1.1	33.3	2.2	1.1	0.0	563.3
58.5	72.2	1.1	33.3	2.2	1.1	0.0	564.4
59.0	72.2	1.1	33.3	2.2	1.1	0.0	565.5
59.5	72.2	1.1	33.3	2.2	1.1	0.0	566.6
60.0	72.2	1.1	33.3	2.2	1.1	0.0	567.7
60.5	72.2	1.1	33.3	2.2	1.1	0.0	568.8
61.0	72.2	1.1	33.3	2.2	1.1	0.0	569.9
61.5	72.2	1.1	33.3	2.2	1.1	0.0	571.1
62.0	72.2	1.1	33.3	2.2	1.1	0.0	572.2
62.5	72.2	1.1	33.3	2.2	1.1	0.0	573.3
63.0	72.2	1.1	33.3	2.2	1.1	0.0	574.4
63.5	72.2	1.1	33.3	2.2	1.1	0.0	575.5
64.0	72.2	1.1	33.3	2.2	1.1	0.0	576.6
64.5	72.2	1.1	33.3	2.2	1.1	0.0	577.7
65.0	72.2	1.1	33.3	2.2	1.1	0.0	578.8
65.5	72.2	1.1	33.3	2.2	1.1	0.0	579.9
66.0	72.2	1.1	33.3	2.2	1.1	0.0	581.1
66.5	72.2	1.1	33.3	2.2	1.1	0.0	582.2
67.0	72.2	1.1	33.3	2.2	1.1	0.0	583.3
67.5	72.2	1.1	33.3	2.2	1.1	0.0	584.4
68.0	72.2	1.1	33.3	2.2	1.1	0.0	585.5
68.5	72.2	1.1	33.3	2.2	1.1	0.0	586.6
69.0	72.2	1.1	33.3	2.2	1.1	0.0	587.7
69.5	72.2	1.1	33.3	2.2	1.1	0.0	588.8
70.0	72.2	1.1	33.3	2.2	1.1	0.0	589.9
70.5	72.2	1.1	33.3	2.2	1.1	0.0	591.1
71.0	72.2	1.1	33.3	2.2	1.1	0.0	592.2
71.5	72.2	1.1	33.3	2.2	1.1	0.0	593.3
72.0	72.2	1.1	33.3	2.2	1.1	0.0	594.4
72.5	72.2	1.1	33.3	2.2	1.1	0.0	595.5
73.0	72.2	1.1	33.3	2.2	1.1	0.0	596.6
73.5	72.2	1.1	33.3	2.2	1.1	0.0	597.7
74.0	72.2	1.1	33.3	2.2	1.1	0.0	598.8
74.5	72.2	1.1	33.3	2.2	1.1	0.0	599.9
75.0	72.2	1.1	33.3	2.2	1.1	0.0	601.1
75.5	72.2	1.1	33.3	2.2	1.1	0.0	602.2
76.0	72.2	1.1	33.3	2.2	1.1	0.0	603.3
76.5	72.2	1.1	33.3	2.2	1.1	0.0	604.4
77.0	72.2	1.1	33.3	2.2	1.1	0.0	605.5
77.5	72.2	1.1	33.3	2.2	1.1	0.0	606.6
78.0	72.2	1.1	33.3	2.2	1.1	0.0	607.7
78.5	72.2	1.1	33.3	2.2	1.1	0.0	608.8
79.0	72.2	1.1	33.3	2.2	1.1	0.0	609.9
79.5	72.2	1.1	33.3	2.2	1.1	0.0	611.1
80.0	72.2	1.1	33.3	2.2	1.1	0.0	612.2
80.5	72.2	1.1	33.3	2.2	1.1	0.0	613.3
81.0	72.2	1.1	33.3	2.2	1.1	0.0	614.4
81.5	72.2	1.1	33.3	2.2	1.1	0.0	615.5
82.0	72.2	1.1	33.3	2.2	1.1	0.0	616.6



BLUE FOX STATION 474(1) CTD 28/MAR/1976 1800 GMT CODE = 3
LAT = 72.7172N LNG = 137.1510W UTM = 137 1510
AIR TEMP = -22.4 BARUM = 1003.9 WIND = 69.8 SPEED = 50.7

DEPTH	TEMP	PTEMP	SALIN	SIG T	SPVOL	DYHHT	SOUND
0	7.33	7.33	33.33	6.66	99	00	9.00
5	7.33	7.33	33.33	6.66	99	00	15.16
10	7.33	7.33	33.33	6.66	99	00	44.44
15	7.33	7.33	33.33	6.66	99	00	11.11
20	7.33	7.33	33.33	6.66	99	00	11.11
25	7.33	7.33	33.33	6.66	99	00	11.11
30	7.33	7.33	33.33	6.66	99	00	11.11
35	7.33	7.33	33.33	6.66	99	00	11.11
40	7.33	7.33	33.33	6.66	99	00	11.11
45	7.33	7.33	33.33	6.66	99	00	11.11
50	7.33	7.33	33.33	6.66	99	00	11.11
55	7.33	7.33	33.33	6.66	99	00	11.11
60	7.33	7.33	33.33	6.66	99	00	11.11
65	7.33	7.33	33.33	6.66	99	00	11.11
70	7.33	7.33	33.33	6.66	99	00	11.11
75	7.33	7.33	33.33	6.66	99	00	11.11
80	7.33	7.33	33.33	6.66	99	00	11.11
85	7.33	7.33	33.33	6.66	99	00	11.11
90	7.33	7.33	33.33	6.66	99	00	11.11
95	7.33	7.33	33.33	6.66	99	00	11.11
100	7.33	7.33	33.33	6.66	99	00	11.11
105	7.33	7.33	33.33	6.66	99	00	11.11
110	7.33	7.33	33.33	6.66	99	00	11.11
115	7.33	7.33	33.33	6.66	99	00	11.11
120	7.33	7.33	33.33	6.66	99	00	11.11
125	7.33	7.33	33.33	6.66	99	00	11.11
130	7.33	7.33	33.33	6.66	99	00	11.11
135	7.33	7.33	33.33	6.66	99	00	11.11
140	7.33	7.33	33.33	6.66	99	00	11.11
145	7.33	7.33	33.33	6.66	99	00	11.11
150	7.33	7.33	33.33	6.66	99	00	11.11
155	7.33	7.33	33.33	6.66	99	00	11.11
160	7.33	7.33	33.33	6.66	99	00	11.11
165	7.33	7.33	33.33	6.66	99	00	11.11
170	7.33	7.33	33.33	6.66	99	00	11.11
175	7.33	7.33	33.33	6.66	99	00	11.11
180	7.33	7.33	33.33	6.66	99	00	11.11
185	7.33	7.33	33.33	6.66	99	00	11.11
190	7.33	7.33	33.33	6.66	99	00	11.11
195	7.33	7.33	33.33	6.66	99	00	11.11
200	7.33	7.33	33.33	6.66	99	00	11.11

DEPTH 0 5 10 15 20 25 30 35 40 45 50 55 60 65 70 75 80 85 90 95 100 105 110 115 120 125 130 135 140 145 150 155 160 165 170 175 180 185 190 195 200

TEMP. -1.71 0.17

SALIN 31.24 34.89

ROT NUM = 1 732.0

ROT NUM = 2

BLUE FOX STATION 476(1) CTD 29/MAR/1976 1804 GMT CODE = 3
LAT = 72.7172N LNG = 137.1548W UTM = 137 1548
AIR TEMP = -28.8 BARUM = 1011.3 WIND = 257.9 SPEED = 51.9

DEPTH	TEMP	PTEMP	SALIN	SIG T	SPVOL	DYHHT	SOUND
0	7.22	7.22	33.24	6.66	99	00	14.35
5	7.22	7.22	33.24	6.66	99	00	14.36
10	7.22	7.22	33.24	6.66	99	00	14.36
15	7.22	7.22	33.24	6.66	99	00	14.36
20	7.22	7.22	33.24	6.66	99	00	14.36
25	7.22	7.22	33.24	6.66	99	00	14.36
30	7.22	7.22	33.24	6.66	99	00	14.36
35	7.22	7.22	33.24	6.66	99	00	14.36
40	7.22	7.22	33.24	6.66	99	00	14.36
45	7.22	7.22	33.24	6.66	99	00	14.36
50	7.22	7.22	33.24	6.66	99	00	14.36
55	7.22	7.22	33.24	6.66	99	00	14.36
60	7.22	7.22	33.24	6.66	99	00	14.36
65	7.22	7.22	33.24	6.66	99	00	14.36
70	7.22	7.22	33.24	6.66	99	00	14.36
75	7.22	7.22	33.24	6.66	99	00	14.36
80	7.22	7.22	33.24	6.66	99	00	14.36
85	7.22	7.22	33.24	6.66	99	00	14.36
90	7.22	7.22	33.24	6.66	99	00	14.36
95	7.22	7.22	33.24	6.66	99	00	14.36
100	7.22	7.22	33.24	6.66	99	00	14.36
105	7.22	7.22	33.24	6.66	99	00	14.36
110	7.22	7.22	33.24	6.66	99	00	14.36
115	7.22	7.22	33.24	6.66	99	00	14.36
120	7.22	7.22	33.24	6.66	99	00	14.36
125	7.22	7.22	33.24	6.66	99	00	14.36
130	7.22	7.22	33.24	6.66	99	00	14.36
135	7.22	7.22	33.24	6.66	99	00	14.36
140	7.22	7.22	33.24	6.66	99	00	14.36
145	7.22	7.22	33.24	6.66	99	00	14.36
150	7.22	7.22	33.24	6.66	99	00	14.36
155	7.22	7.22	33.24	6.66	99	00	14.36
160	7.22	7.22	33.24	6.66	99	00	14.36
165	7.22	7.22	33.24	6.66	99	00	14.36
170	7.22	7.22	33.24	6.66	99	00	14.36
175	7.22	7.22	33.24	6.66	99	00	14.36
180	7.22	7.22	33.24	6.66	99	00	14.36
185	7.22	7.22	33.24	6.66	99	00	14.36
190	7.22	7.22	33.24	6.66	99	00	14.36
195	7.22	7.22	33.24	6.66	99	00	14.36
200	7.22	7.22	33.24	6.66	99	00	14.36

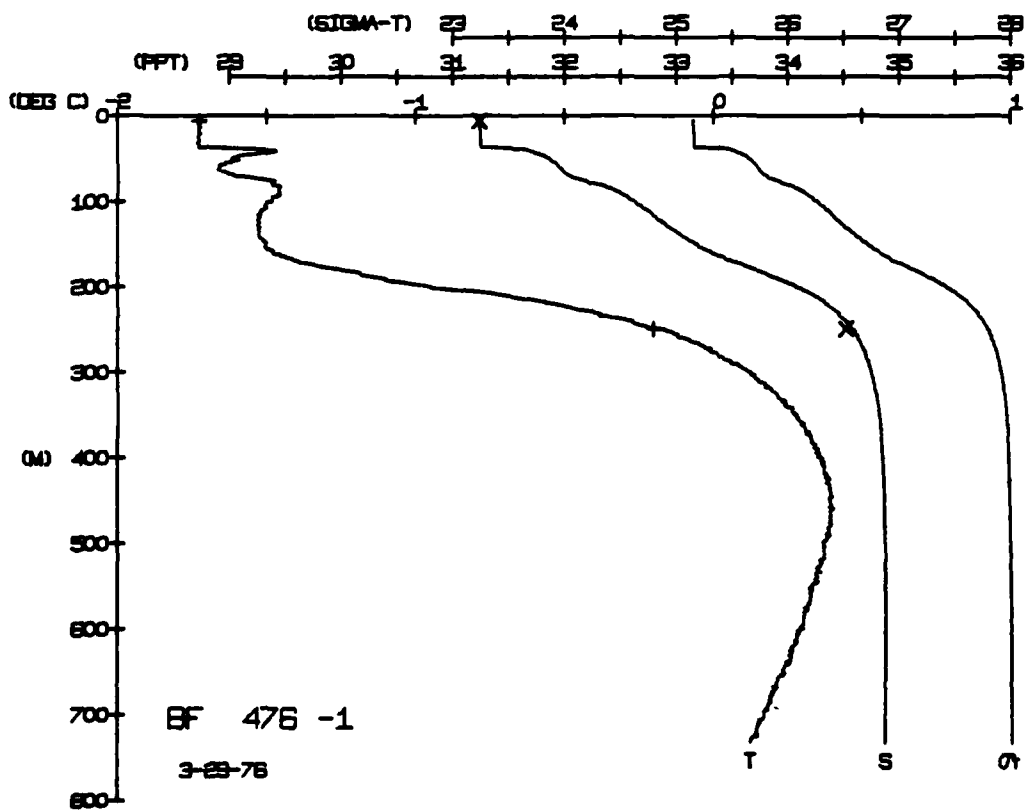
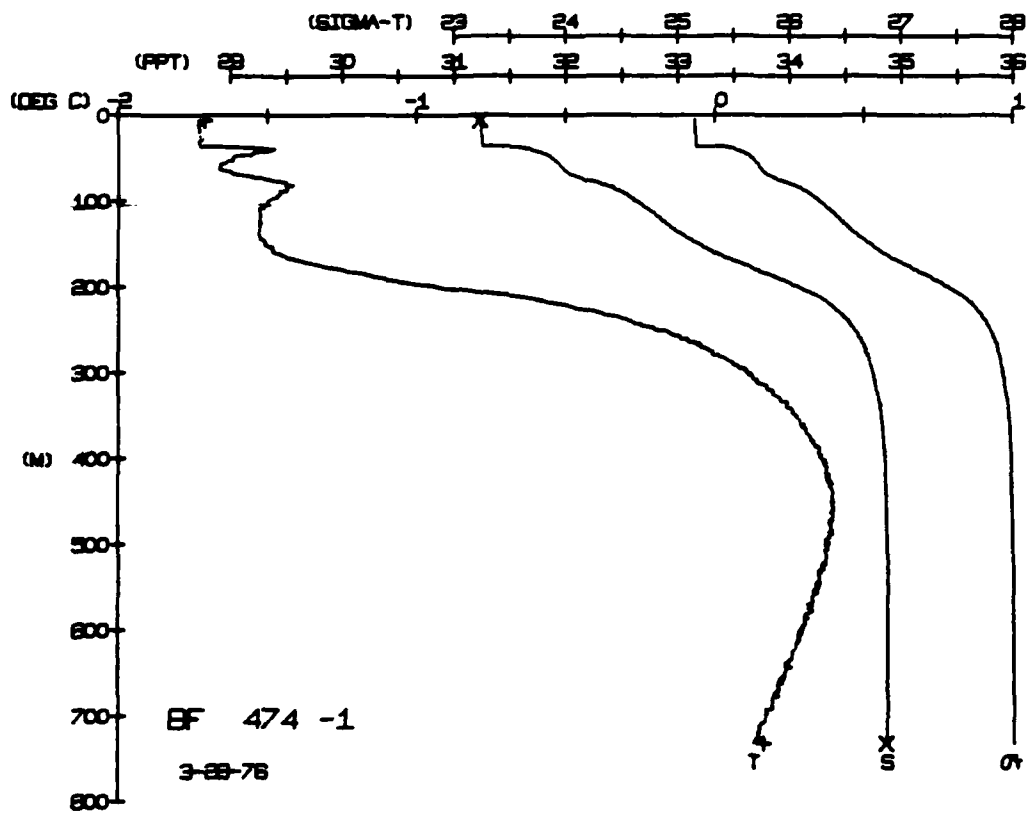
DEPTH 0 5 10 15 20 25 30 35 40 45 50 55 60 65 70 75 80 85 90 95 100 105 110 115 120 125 130 135 140 145 150 155 160 165 170 175 180 185 190 195 200

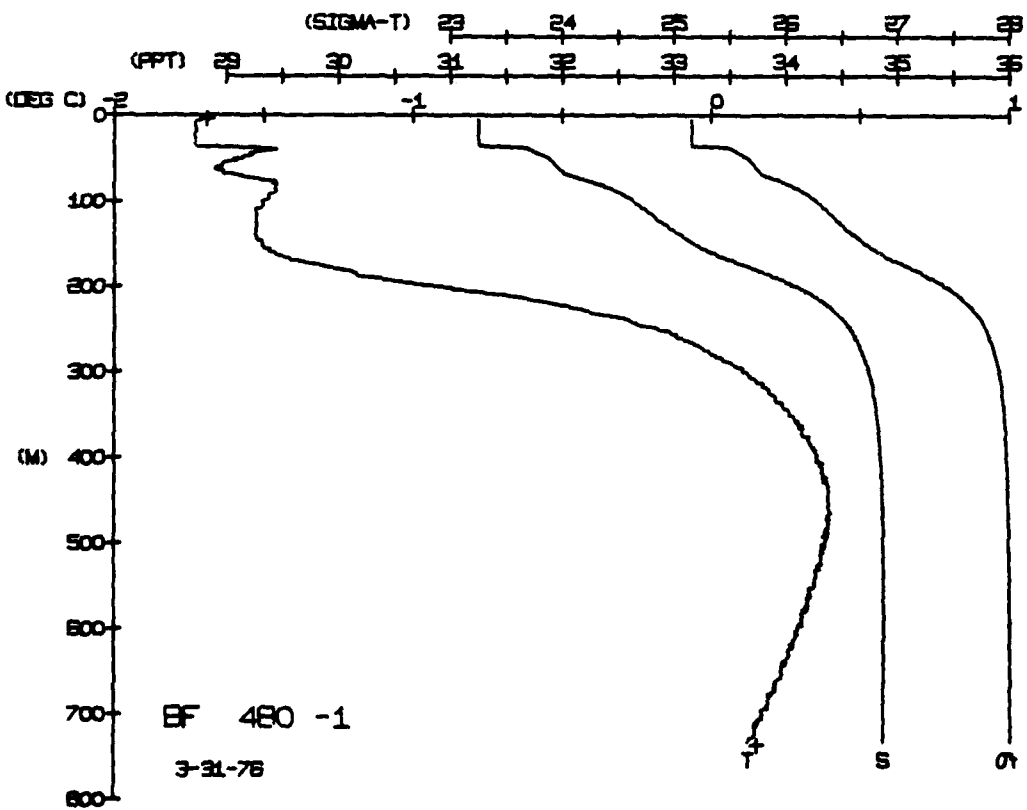
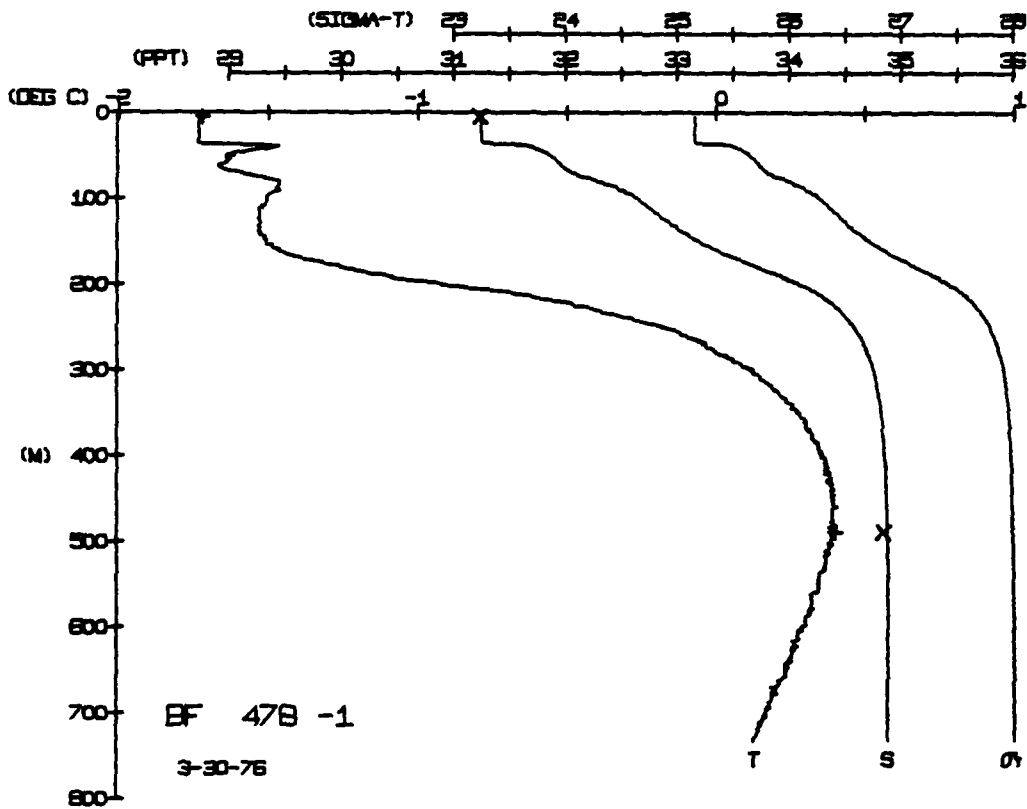
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SALIN 31.24 34.54

ROT NUM = 1 248.7

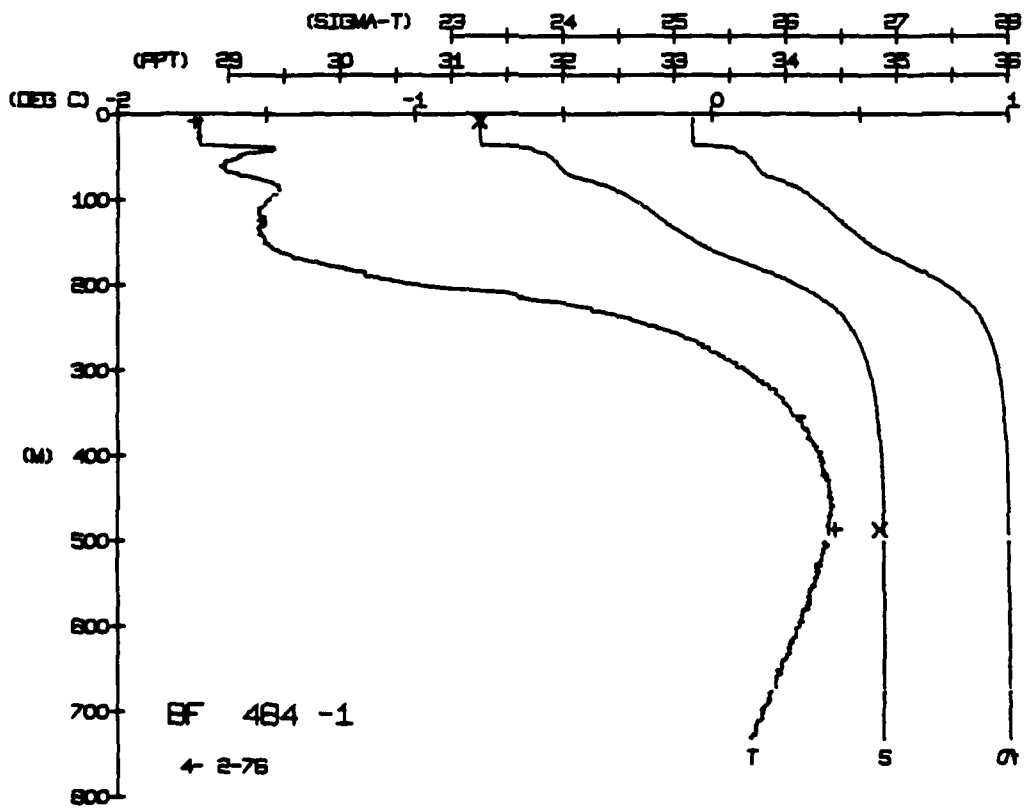
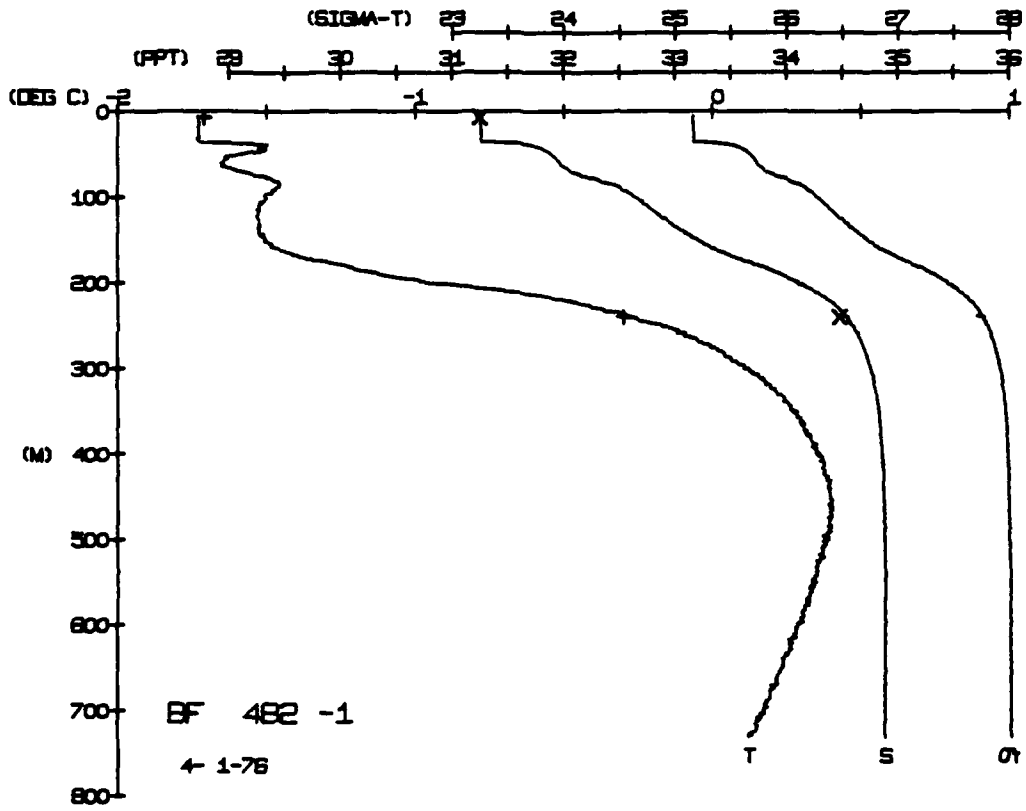
ROT NUM = 2

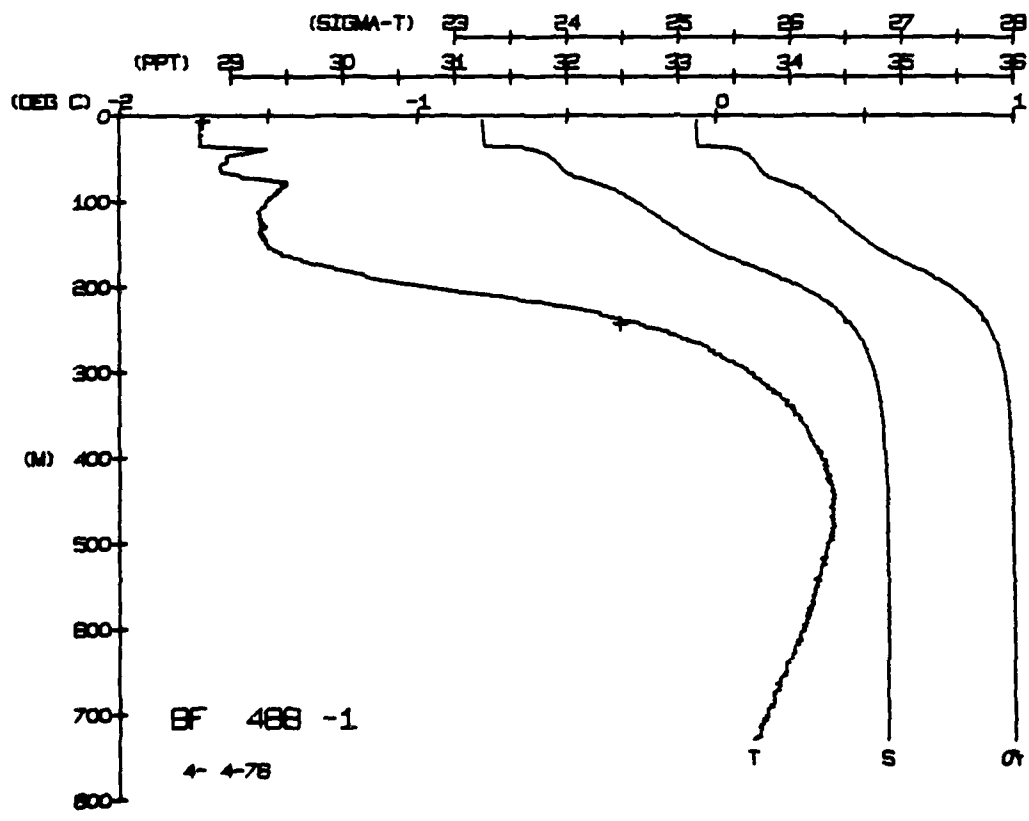
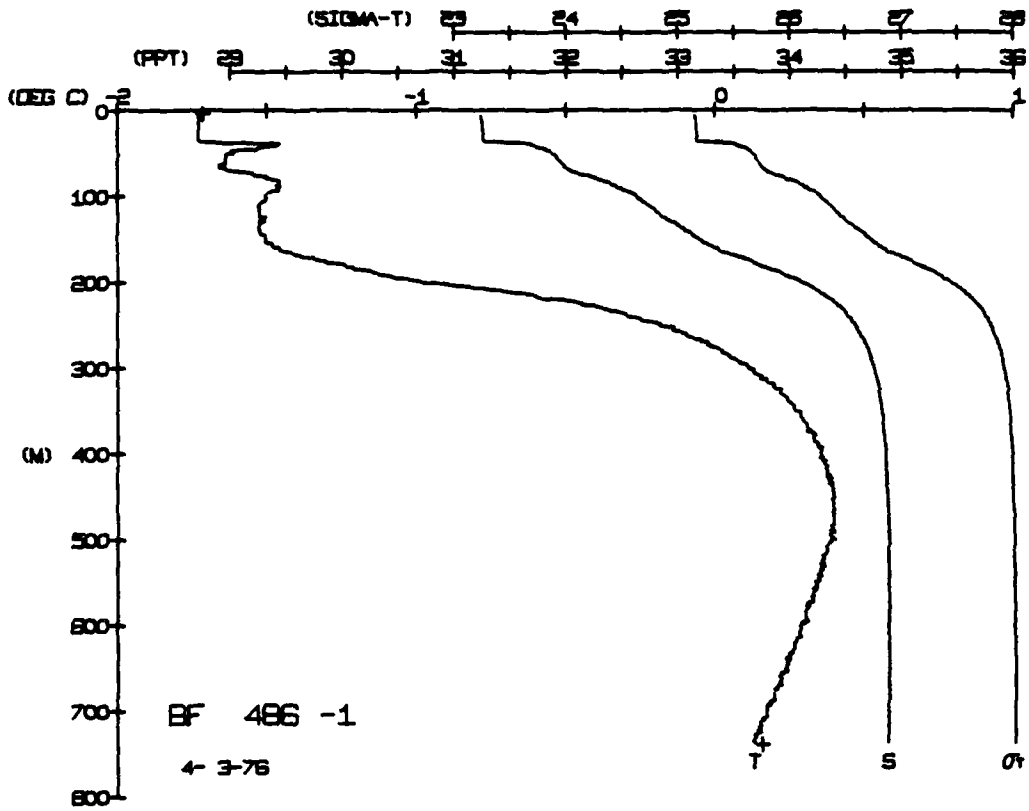




BLUE FOX STATION 482(1) CTD 1/APR/1976 1800 GMT CODE = 3
LAT = 72.7172N LNC = 137.1555W U. LGER = 0.0
AIR TEMP = -30.4 BARUM = 1013.0 WIND = 355.2 SPEED = 33.9

DEPTH	TEMP	PTEMP	SALIN	SIG T	SPVOL	DYHHT	SOUND
00	00	00	00	00	00	00	00
05	00	00	00	00	00	00	00
10	00	00	00	00	00	00	00
15	00	00	00	00	00	00	00
20	00	00	00	00	00	00	00
25	00	00	00	00	00	00	00
30	00	00	00	00	00	00	00
35	00	00	00	00	00	00	00
40	00	00	00	00	00	00	00
45	00	00	00	00	00	00	00
50	00	00	00	00	00	00	00
55	00	00	00	00	00	00	00
60	00	00	00	00	00	00	00
65	00	00	00	00	00	00	00
70	00	00	00	00	00	00	00
75	00	00	00	00	00	00	00
80	00	00	00	00	00	00	00
85	00	00	00	00	00	00	00
90	00	00	00	00	00	00	00
95	00	00	00	00	00	00	00
100	00	00	00	00	00	00	00
105	00	00	00	00	00	00	00
110	00	00	00	00	00	00	00
115	00	00	00	00	00	00	00
120	00	00	00	00	00	00	00
125	00	00	00	00	00	00	00
130	00	00	00	00	00	00	00
135	00	00	00	00	00	00	00
140	00	00	00	00	00	00	00
145	00	00	00	00	00	00	00
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230	00	00	00	00	00	00	00
235	00	00	00	00	00	00	00
240	00	00	00	00	00	00	00
245	00	00	00	00	00	00	00
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255	00	00	00	00	00	00	00
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270	00	00	00	00	00	00	00
275	00	00	00	00	00	00	00
280	00	00	00	00	00	00	00
285	00	00	00	00	00	00	00
290	00	00	00	00	00	00	00
295	00	00	00	00	00	00	00
300	00	00	00	00	00	00	00
305	00	00	00	00	00	00	00
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460	00	00	00	00	00	00	00
465	00	00	00	00	00	00	00
470	00	00	00	00	00	00	00
475	00	00	00	00	00	00	00
480	00	00	00	00	00	00	00
485	00	00	00	00	00	00	00
490	00	00	00	00	00	00	00
495	00	00	00	00	00	00	00
500	00	00	00	00	00	00	00
505	00	00	00	00	00	00	00
510	00	00	00	00	00	00	00
515	00	00	00	00	00	00	00
520	00	00	00	00	00	00	00
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590	00	00	00	00	00	00	00
595	00	00	00	00	00	00	00
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605	00	00	00	00	00	00	00
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620	00	00	00	00	00	00	00
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635	00	00	00	00	00	00	00
640	00	00	00	00	00	00	00
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660	00	00	00	00	00	00	00
665	00	00	00	00	00	00	00
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735	00	00	00	00	00	00	00
740	00	00	00	00	00	00	00
745	00	00	00	00	00	00	00
750	00	00	00	00	00	00	00
755	00	00	00	00	00	00	00
760	00	00	00	00	00	00	00
765	00	00	00	00	00	00	00
770	00	00	00	00	00	00	00
775	00	00	00	00	00	00	00
780	00	00	00	00	00	00	00
785	00	00	00	00	00	00	00
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795	00	00	00	00	00	00	00
800	00	00	00	00	00	00	00
805	00	00	00	00	00	00	00
810	00	00	00	00	00	00	00
815	00	00	00	00	00	00	00
820	00	00	00	00	00	00	00
825	00	00	00	00	00	00	00
830	00	00	00	00	00	00	00
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840	00	00	00	00	00	00	00
845	00	00	00	00	00	00	00
850	00	00	00	00	00	00	00
855	00	00	00	00	00	00	00
860	00	00	00	00	00	00	00
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870	00	00	00	00	00	00	00
875	00	00	00	00	00	00	00
880	00	00	00	00	00	00	00
885	00	00	00	00	00	00	00
890	00	00	00	00	00	00	00
895	00	00	00	00	00	00	00
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905	00	00	00	00	00	00	00
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920	00	00	00	00	00	00	00
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930	00	00	00	00	00	00	00
935	00	00	00	00	00	00	00
940	00	00	00	00	00	00	00
945	00	00	00	00	00	00	00
950	00	00	00	00	00	00	00
955	00	00	00	00	00	00	00
960	00	00	00	00	00	00	00
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970	00	00	00	00	00	00	00
975	00	00	00	00	00	00	00
980	00	00	00	00	00	00	00
985	00	00	00	00	00	00	00
990	00	00	00	00	00	00	00
995	00	00	00				





BLUE FOX STATION 492(1) CTD 6/APR/1976 1800 GMT CODE = 3
 LAT = 72.7176N LMG = 137.1565W LTER = 1.0 LGER = 2.2
 AIR TEMP = -20.5 BARUM = 1014.8 WIND = 64.0 SPEED = 38.9

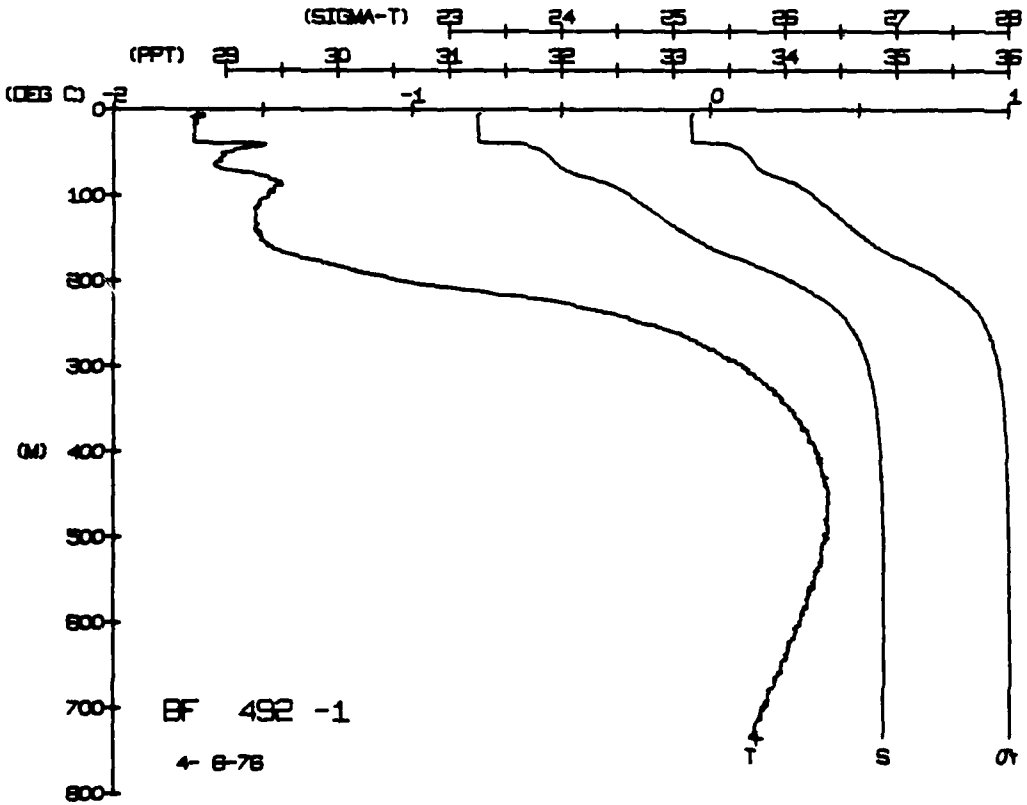
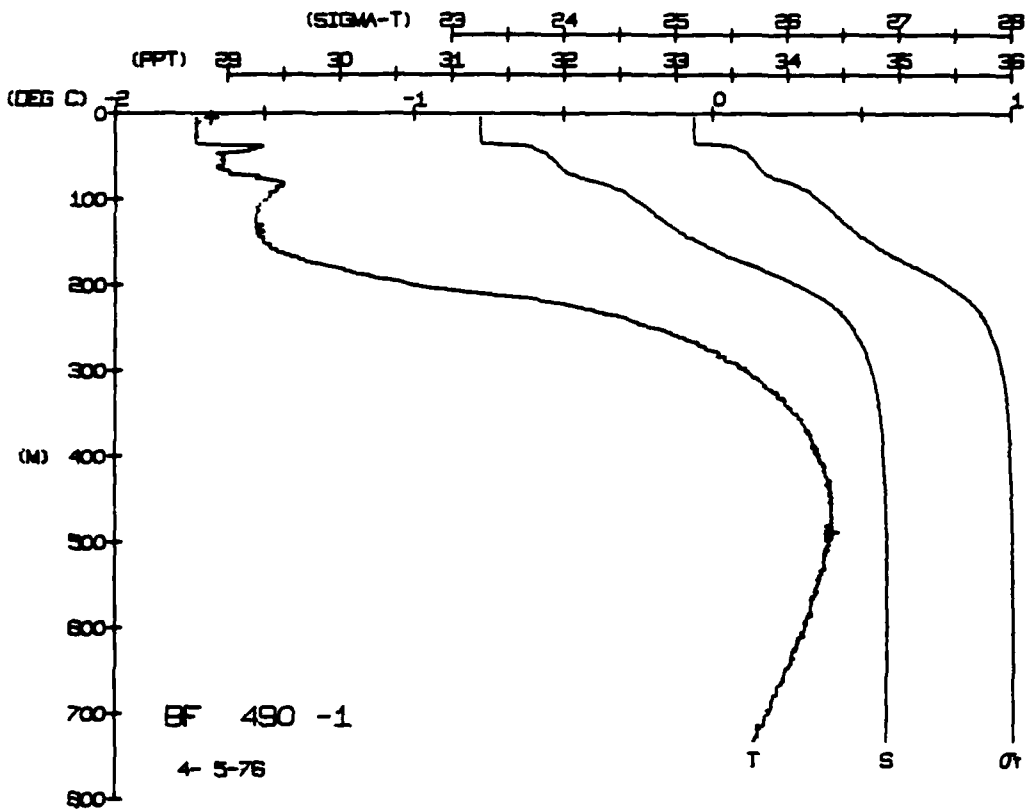
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 LAT = 72.7176N LMG = 137.1570W LTER = 1.0 LGER = 2.2
 AIR TEMP = -28.2 BARUM = 1011.1 WIND = 66.2 SPEED = 61.4

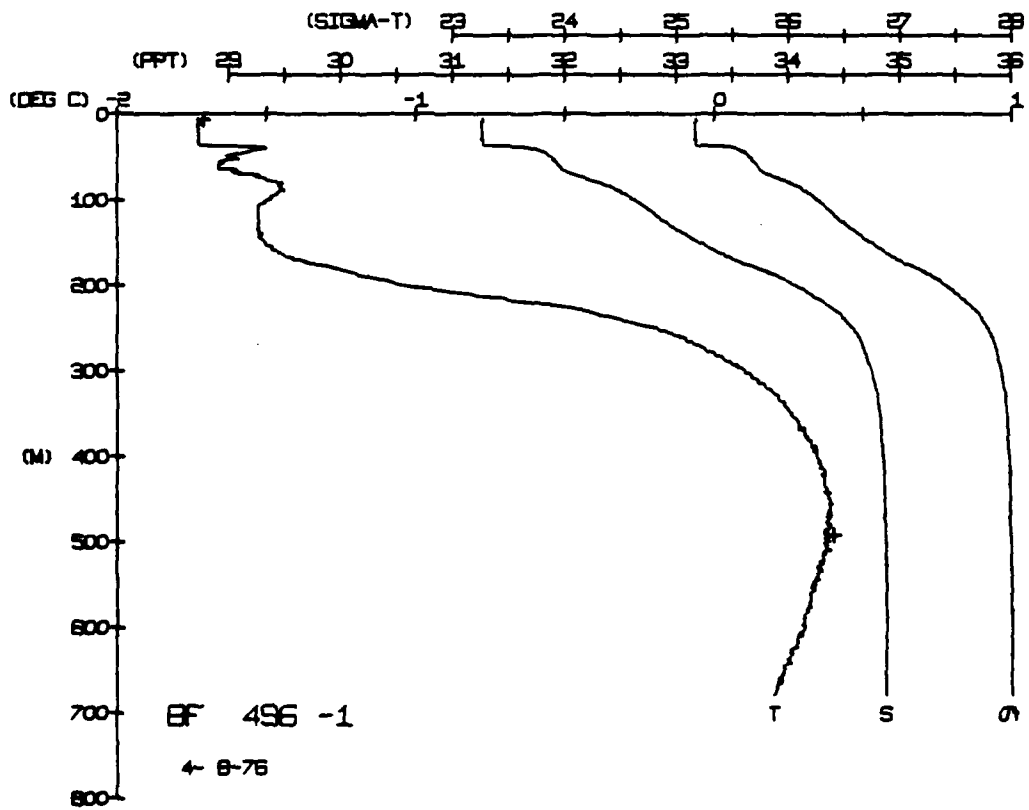
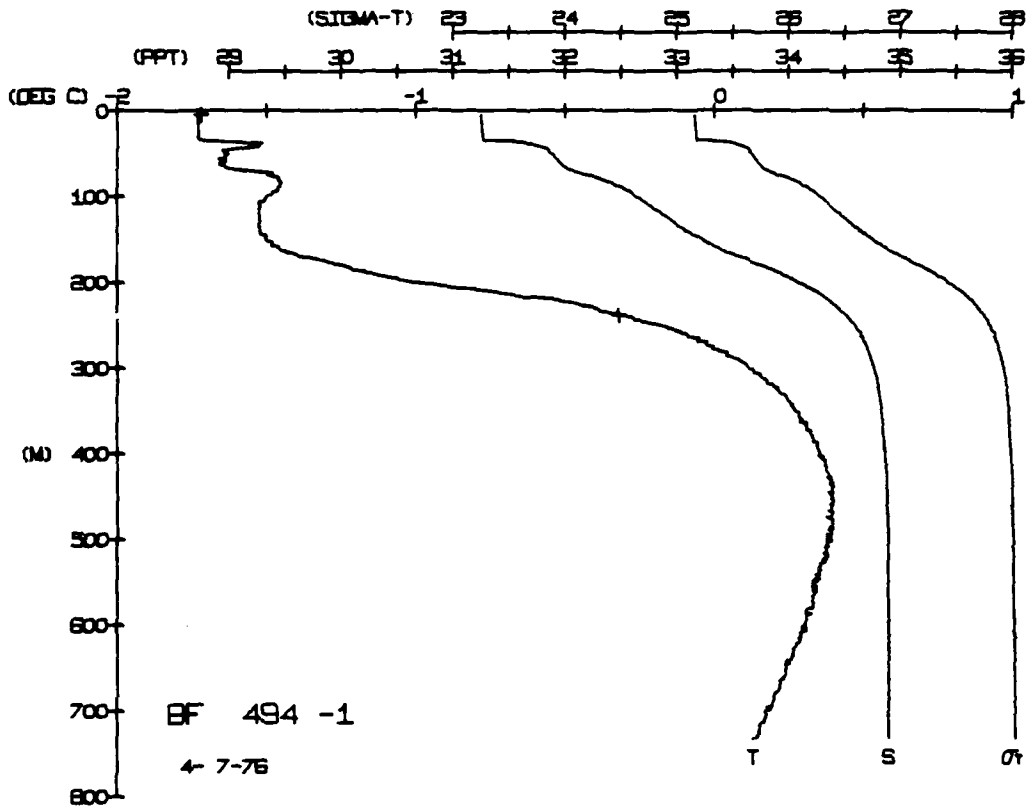
DEPTH	TEMP	PTEMP	SALIN	SIG T	SPVOL	DYHHT	SOUND
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10	73	73	31	25	3	0	1
15	73	73	31	25	3	0	1
20	73	73	31	25	3	0	1
25	73	73	31	25	3	0	1
30	73	73	31	25	3	0	1
35	73	73	31	25	3	0	1
40	73	73	31	25	3	0	1
45	73	73	31	25	3	0	1
50	73	73	31	25	3	0	1
55	73	73	31	25	3	0	1
60	73	73	31	25	3	0	1
65	73	73	31	25	3	0	1
70	73	73	31	25	3	0	1
75	73	73	31	25	3	0	1
80	73	73	31	25	3	0	1
85	73	73	31	25	3	0	1
90	73	73	31	25	3	0	1
95	73	73	31	25	3	0	1
100	73	73	31	25	3	0	1
105	73	73	31	25	3	0	1
110	73	73	31	25	3	0	1
115	73	73	31	25	3	0	1
120	73	73	31	25	3	0	1
125	73	73	31	25	3	0	1
130	73	73	31	25	3	0	1
135	73	73	31	25	3	0	1
140	73	73	31	25	3	0	1
145	73	73	31	25	3	0	1
150	73	73	31	25	3	0	1
155	73	73	31	25	3	0	1
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165	73	73	31	25	3	0	1
170	73	73	31	25	3	0	1
175	73	73	31	25	3	0	1
180	73	73	31	25	3	0	1
185	73	73	31	25	3	0	1
190	73	73	31	25	3	0	1
195	73	73	31	25	3	0	1
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210	73	73	31	25	3	0	1
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235	73	73	31	25	3	0	1
240	73	73	31	25	3	0	1
245	73	73	31	25	3	0	1
250	73	73	31	25	3	0	1
255	73	73	31	25	3	0	1
260	73	73	31	25	3	0	1
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270	73	73	31	25	3	0	1
275	73	73	31	25	3	0	1
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480	73	73	31	25	3	0	1
485	73	73	31	25	3	0	1
490	73	73	31	25	3	0	1
495	73	73	31	25	3	0	1
500	73	73	31	25	3	0	1

DEPTH 0 5 10 15 20 25 30 35 40 45 50 55 60 65 70 75 80 85 90 95 100 105 110 115 120 125 130 135 140 145 150 155 160 165 170 175 180 185 190 195 200 205 210 215 220 225 230 235 240 245 250 255 260 265 270 275 280 285 290 295 300 305 310 315 320 325 330 335 340 345 350 355 360 365 370 375 380 385 390 395 400 405 410 415 420 425 430 435 440 445 450 455 460 465 470 475 480 485 490 495 500

TEMP. -1.72
 SALIN 8.1
 ROT NUM = 1
 ROT NUM = 2

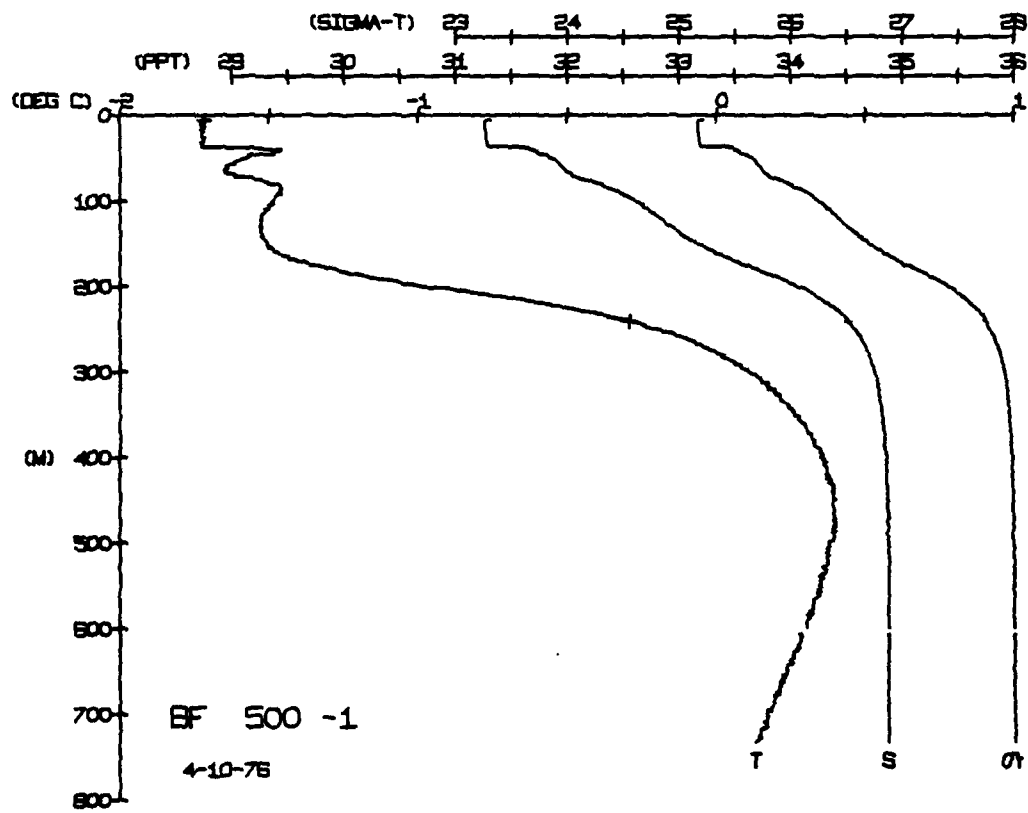
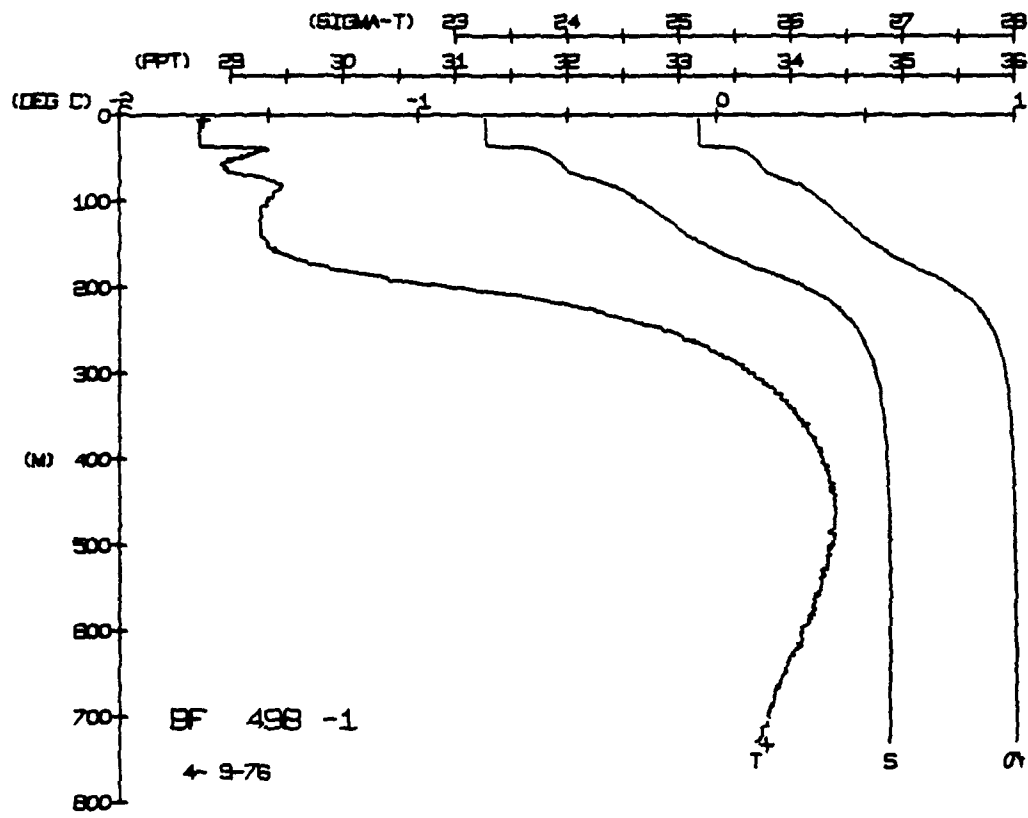
DEPTH	TEMP	PTEMP	SALIN	SIG T	SPVOL	DYHHT	SOUND
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5	95	95	35	9	0	0	1
10	95	95	35	9	0	0	1
15	95	95	35	9	0	0	1
20	95	95	35	9	0	0	1
25	95	95	35	9	0	0	1
30	95	95	35	9	0	0	1
35	95	95	35	9	0	0	1
40	95	95	35	9	0	0	1
45	95	95	35	9	0	0	1
50	95	95	35	9	0	0	1
55	95	95	35	9	0	0	1
60	95	95	35	9	0	0	1
65	95	95	35	9	0	0	1
70	95	95	35	9	0	0	1
75	95	95	35	9	0	0	1
80	95	95	35	9	0	0	1
85	95	95	35	9	0	0	1
90	95	95	35	9	0	0	1
95	95	95	35	9	0	0	1
100	95	95	35	9	0	0	1
105	95	95	35	9	0	0	1
110	95	95	35	9	0	0	1
115	95	95	35	9	0	0	1
120	95	95	35	9	0	0	1
125	95	95	35	9	0	0	1
130	95	95	35	9	0	0	1
135	95	95	35	9	0	0	1
140	95	95	35	9	0	0	1
145	95	95	35	9	0	0	1
150	95	95	35	9	0	0	1
155	95	95	35	9	0	0	1
160	95	95	35	9	0	0	1
165	95	95	35	9	0	0	1
170	95	95	35	9	0	0	1
175	95	95	35	9	0	0	1
180	95	95	35	9	0	0	1
185	95	95	35	9	0	0	1
190	95	95	35	9	0	0	1
195	95	95	35	9	0	0	1
200	95	95	35	9	0	0	1
205	95	95	35	9	0	0	1
210	95	95	35	9	0	0	1
215	95	95	35	9	0	0	1
220	95	95	35	9	0	0	1
225	95	95	35	9	0	0	1
230	95	95	35	9	0	0	1
235	95	95	35	9	0	0	1
240	95	95	35	9	0	0	1
245	95	95	35	9	0	0	1
250	95	95	35	9	0	0	1
255	95	95	35	9	0	0	1
260	95	95	35	9	0	0	1
265	95	95	35	9	0	0	1
270	95	95	35	9	0	0	1
275	95	95	35	9	0	0	1
280	95	95	35	9	0	0	1
285	95	95	35	9	0	0	1
290	95	95	35	9	0	0	1
295	95	95	35	9	0	0	1
300	95	95	35	9	0	0	1
305	95	95	35	9	0	0	1
310	95	95	35	9	0	0	1
315	95	95	35	9	0	0	1
320	95	95	35	9	0	0	1
325	95	95	35	9	0	0	1
330	95	95	35	9	0	0	1
335	95	95	35	9	0	0	1
340	95	95	35	9	0	0	1
345	95	95	35	9	0	0	1
350	95	95	35	9	0	0	1
355	95	95	35	9	0	0	1
360	95	95	35	9	0	0	1
365	95	95	35	9	0	0	1
370	95	95	35	9	0	0	1
375	95	95	35	9	0	0	1
380	95	95	35	9	0	0	1
385	95	95	35	9	0	0	1
390	95	95	35	9	0	0	1
395	95	95	35	9	0	0	1
400	95	95	35	9	0	0	1
405	95	95	35	9	0	0	1
410	95	95	35	9	0	0	1
415	95	95	35	9	0	0	1
420	95	95	35	9	0	0	1
425	95	95	35	9	0	0	1
430	95	95	35	9	0	0	1
435	95	95	35	9	0	0	1
440	95	95	35	9	0	0	1
445	95	95	35	9	0	0	1
450	95	95	35	9	0	0	1
455	95	95	35	9	0	0	1
460	95	95	35	9	0	0	1
465	95	95	35	9	0	0	1
470	95	95					

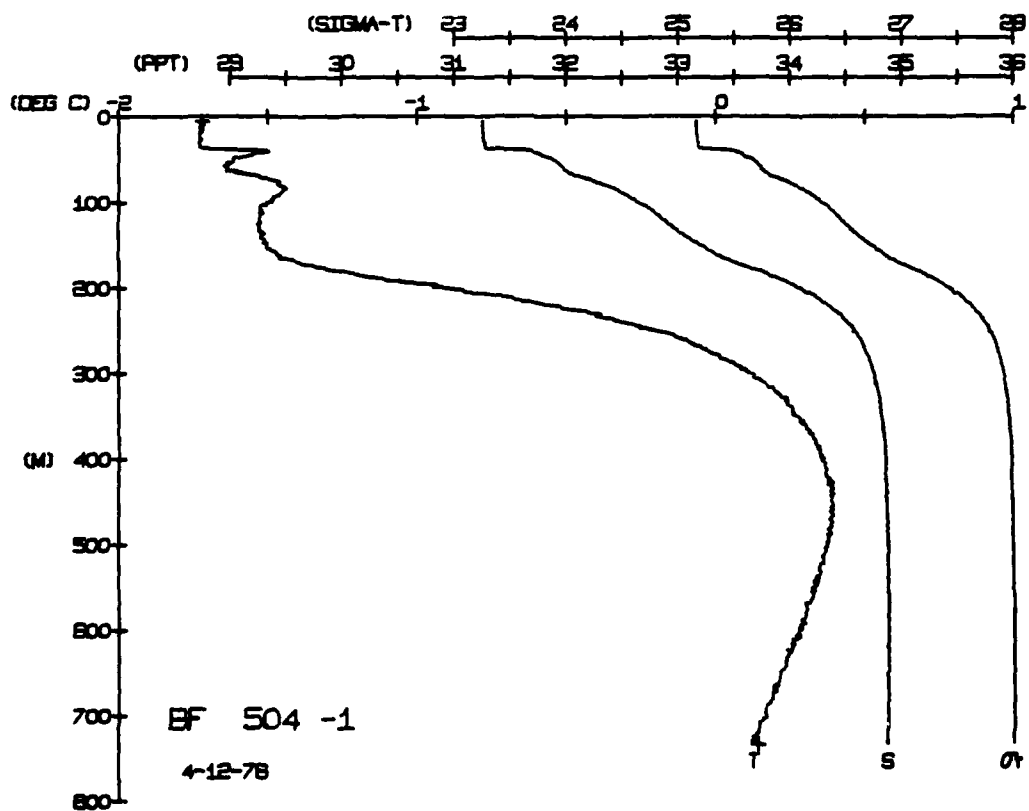
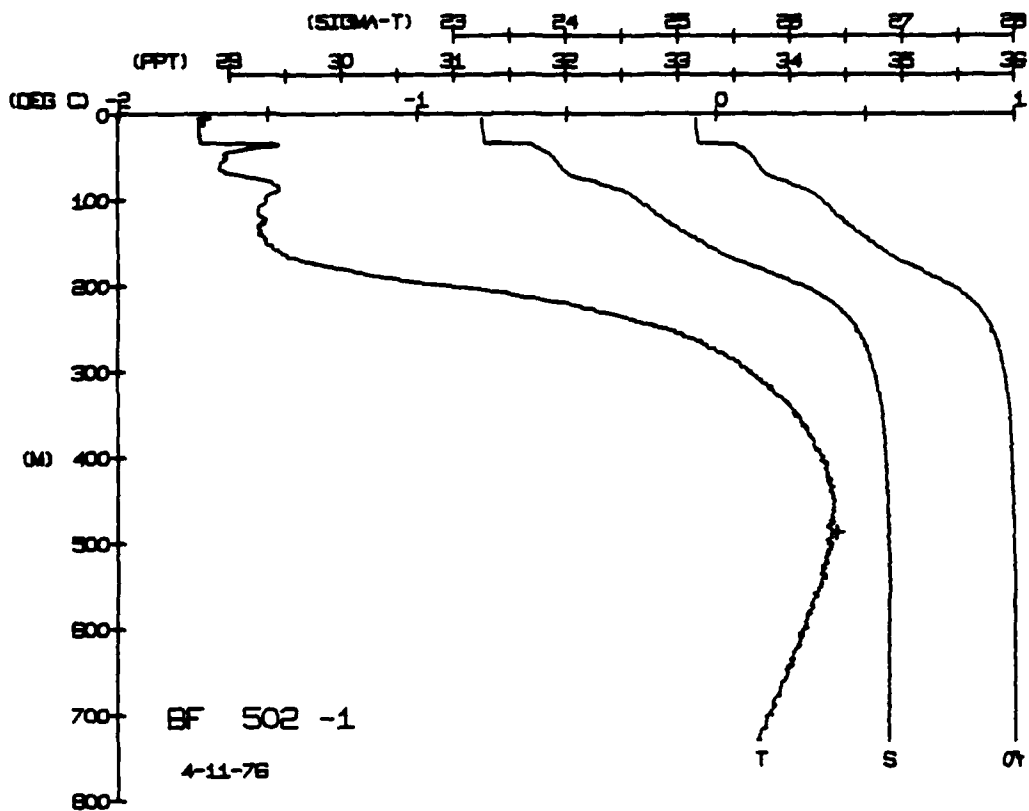


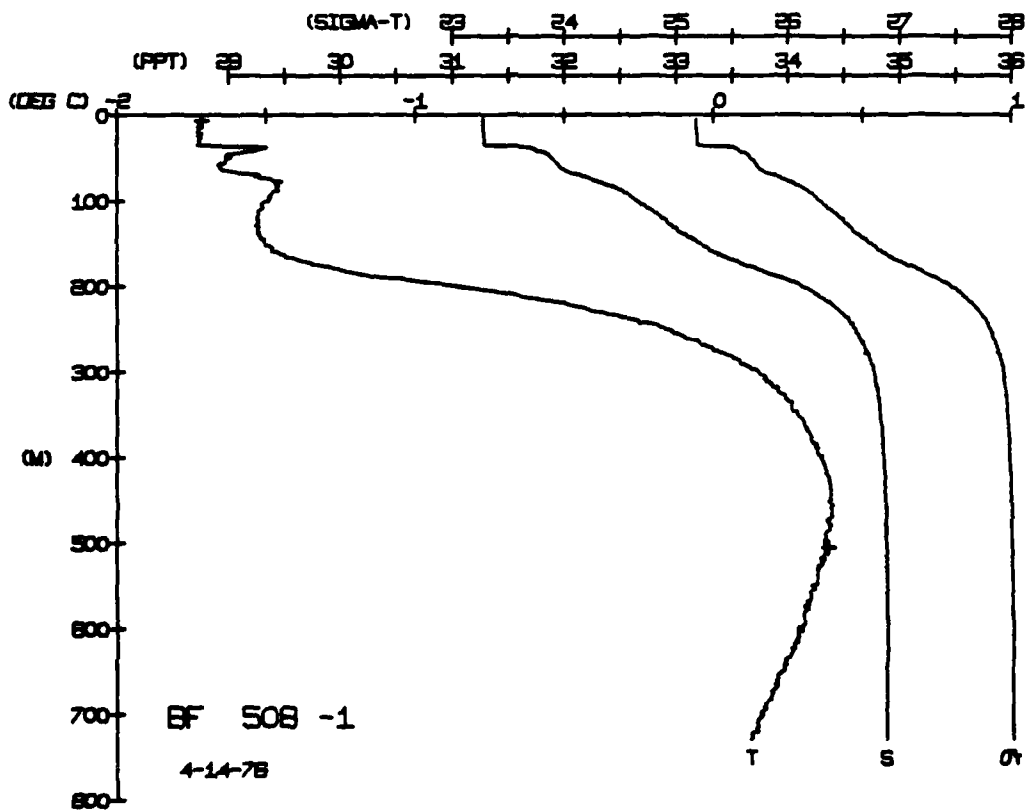
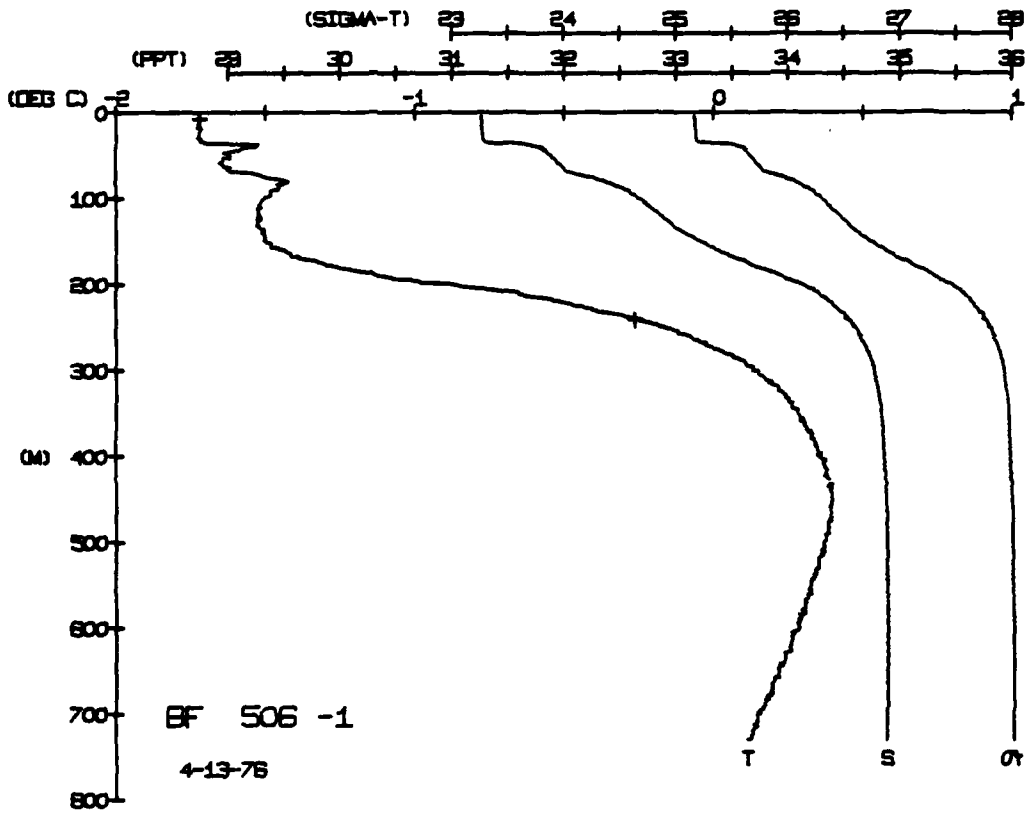


BLUE FOX STATION 500(1) CTD 10/APR/1976 1800 GMT CODE = 3
 LAT = 72.7769N LNG = 137.3199W LTER = 0 LGER = 1.1
 AIR TEMP = -16.6 HARUM = 1003.4 WIND = 11.3 SPEED = 54.7

DEPTH	TEMP	PTEMP	SALIN	SIG T	SPVOL	DYNHT	SOUND
0.0	1.1	1.1	35.0	1.1	1.1	0.0	1436.0
0.5	1.1	1.1	35.0	1.1	1.1	0.0	1436.1
1.0	1.1	1.1	35.0	1.1	1.1	0.0	1436.2
1.5	1.1	1.1	35.0	1.1	1.1	0.0	1436.3
2.0	1.1	1.1	35.0	1.1	1.1	0.0	1436.4
2.5	1.1	1.1	35.0	1.1	1.1	0.0	1436.5
3.0	1.1	1.1	35.0	1.1	1.1	0.0	1436.6
3.5	1.1	1.1	35.0	1.1	1.1	0.0	1436.7
4.0	1.1	1.1	35.0	1.1	1.1	0.0	1436.8
4.5	1.1	1.1	35.0	1.1	1.1	0.0	1436.9
5.0	1.1	1.1	35.0	1.1	1.1	0.0	1437.0
5.5	1.1	1.1	35.0	1.1	1.1	0.0	1437.1
6.0	1.1	1.1	35.0	1.1	1.1	0.0	1437.2
6.5	1.1	1.1	35.0	1.1	1.1	0.0	1437.3
7.0	1.1	1.1	35.0	1.1	1.1	0.0	1437.4
7.5	1.1	1.1	35.0	1.1	1.1	0.0	1437.5
8.0	1.1	1.1	35.0	1.1	1.1	0.0	1437.6
8.5	1.1	1.1	35.0	1.1	1.1	0.0	1437.7
9.0	1.1	1.1	35.0	1.1	1.1	0.0	1437.8
9.5	1.1	1.1	35.0	1.1	1.1	0.0	1437.9
10.0	1.1	1.1	35.0	1.1	1.1	0.0	1438.0
10.5	1.1	1.1	35.0	1.1	1.1	0.0	1438.1
11.0	1.1	1.1	35.0	1.1	1.1	0.0	1438.2
11.5	1.1	1.1	35.0	1.1	1.1	0.0	1438.3
12.0	1.1	1.1	35.0	1.1	1.1	0.0	1438.4
12.5	1.1	1.1	35.0	1.1	1.1	0.0	1438.5
13.0	1.1	1.1	35.0	1.1	1.1	0.0	1438.6
13.5	1.1	1.1	35.0	1.1	1.1	0.0	1438.7
14.0	1.1	1.1	35.0	1.1	1.1	0.0	1438.8
14.5	1.1	1.1	35.0	1.1	1.1	0.0	1438.9
15.0	1.1	1.1	35.0	1.1	1.1	0.0	1439.0
15.5	1.1	1.1	35.0	1.1	1.1	0.0	1439.1
16.0	1.1	1.1	35.0	1.1	1.1	0.0	1439.2
16.5	1.1	1.1	35.0	1.1	1.1	0.0	1439.3
17.0	1.1	1.1	35.0	1.1	1.1	0.0	1439.4
17.5	1.1	1.1	35.0	1.1	1.1	0.0	1439.5
18.0	1.1	1.1	35.0	1.1	1.1	0.0	1439.6
18.5	1.1	1.1	35.0	1.1	1.1	0.0	1439.7
19.0	1.1	1.1	35.0	1.1	1.1	0.0	1439.8
19.5	1.1	1.1	35.0	1.1	1.1	0.0	1439.9
20.0	1.1	1.1	35.0	1.1	1.1	0.0	1440.0
20.5	1.1	1.1	35.0	1.1	1.1	0.0	1440.1
21.0	1.1	1.1	35.0	1.1	1.1	0.0	1440.2
21.5	1.1	1.1	35.0	1.1	1.1	0.0	1440.3
22.0	1.1	1.1	35.0	1.1	1.1	0.0	1440.4
22.5	1.1	1.1	35.0	1.1	1.1	0.0	1440.5
23.0	1.1	1.1	35.0	1.1	1.1	0.0	1440.6
23.5	1.1	1.1	35.0	1.1	1.1	0.0	1440.7
24.0	1.1	1.1	35.0	1.1	1.1	0.0	1440.8
24.5	1.1	1.1	35.0	1.1	1.1	0.0	1440.9
25.0	1.1	1.1	35.0	1.1	1.1	0.0	1441.0
25.5	1.1	1.1	35.0	1.1	1.1	0.0	1441.1
26.0	1.1	1.1	35.0	1.1	1.1	0.0	1441.2
26.5	1.1	1.1	35.0	1.1	1.1	0.0	1441.3
27.0	1.1	1.1	35.0	1.1	1.1	0.0	1441.4
27.5	1.1	1.1	35.0	1.1	1.1	0.0	1441.5
28.0	1.1	1.1	35.0	1.1	1.1	0.0	1441.6
28.5	1.1	1.1	35.0	1.1	1.1	0.0	1441.7
29.0	1.1	1.1	35.0	1.1	1.1	0.0	1441.8
29.5	1.1	1.1	35.0	1.1	1.1	0.0	1441.9
30.0	1.1	1.1	35.0	1.1	1.1	0.0	1442.0
30.5	1.1	1.1	35.0	1.1	1.1	0.0	1442.1
31.0	1.1	1.1	35.0	1.1	1.1	0.0	1442.2
31.5	1.1	1.1	35.0	1.1	1.1	0.0	1442.3
32.0	1.1	1.1	35.0	1.1	1.1	0.0	1442.4
32.5	1.1	1.1	35.0	1.1	1.1	0.0	1442.5
33.0	1.1	1.1	35.0	1.1	1.1	0.0	1442.6
33.5	1.1	1.1	35.0	1.1	1.1	0.0	1442.7
34.0	1.1	1.1	35.0	1.1	1.1	0.0	1442.8
34.5	1.1	1.1	35.0	1.1	1.1	0.0	1442.9
35.0	1.1	1.1	35.0	1.1	1.1	0.0	1443.0
35.5	1.1	1.1	35.0	1.1	1.1	0.0	1443.1
36.0	1.1	1.1	35.0	1.1	1.1	0.0	1443.2
36.5	1.1	1.1	35.0	1.1	1.1	0.0	1443.3
37.0	1.1	1.1	35.0	1.1	1.1	0.0	1443.4
37.5	1.1	1.1	35.0	1.1	1.1	0.0	1443.5
38.0	1.1	1.1	35.0	1.1	1.1	0.0	1443.6
38.5	1.1	1.1	35.0	1.1	1.1	0.0	1443.7
39.0	1.1	1.1	35.0	1.1	1.1	0.0	1443.8
39.5	1.1	1.1	35.0	1.1	1.1	0.0	1443.9
40.0	1.1	1.1	35.0	1.1	1.1	0.0	1444.0
40.5	1.1	1.1	35.0	1.1	1.1	0.0	1444.1
41.0	1.1	1.1	35.0	1.1	1.1	0.0	1444.2
41.5	1.1	1.1	35.0	1.1	1.1	0.0	1444.3
42.0	1.1	1.1	35.0	1.1	1.1	0.0	1444.4
42.5	1.1	1.1	35.0	1.1	1.1	0.0	1444.5
43.0	1.1	1.1	35.0	1.1	1.1	0.0	1444.6
43.5	1.1	1.1	35.0	1.1	1.1	0.0	1444.7
44.0	1.1	1.1	35.0	1.1	1.1	0.0	1444.8
44.5	1.1	1.1	35.0	1.1	1.1	0.0	1444.9
45.0	1.1	1.1	35.0	1.1	1.1	0.0	1445.0
45.5	1.1	1.1	35.0	1.1	1.1	0.0	1445.1
46.0	1.1	1.1	35.0	1.1	1.1	0.0	1445.2
46.5	1.1	1.1	35.0	1.1	1.1	0.0	1445.3
47.0	1.1	1.1	35.0	1.1	1.1	0.0	1445.4
47.5	1.1	1.1	35.0	1.1	1.1	0.0	1445.5
48.0	1.1	1.1	35.0	1.1	1.1	0.0	1445.6
48.5	1.1	1.1	35.0	1.1	1.1	0.0	1445.7
49.0	1.1	1.1	35.0	1.1	1.1	0.0	1445.8
49.5	1.1	1.1	35.0	1.1	1.1	0.0	1445.9
50.0	1.1	1.1	35.0	1.1	1.1	0.0	1446.0
50.5	1.1	1.1	35.0	1.1	1.1	0.0	1446.1
51.0	1.1	1.1	35.0	1.1	1.1	0.0	1446.2
51.5	1.1	1.1	35.0	1.1	1.1	0.0	1446.3
52.0	1.1	1.1	35.0	1.1	1.1	0.0	1446.4
52.5	1.1	1.1	35.0	1.1	1.1	0.0	1446.5
53.0	1.1	1.1	35.0	1.1	1.1	0.0	1446.6
53.5	1.1	1.1	35.0	1.1	1.1	0.0	1446.7
54.0	1.1	1.1	35.0	1.1	1.1	0.0	1446.8
54.5	1.1	1.1	35.0	1.1	1.1	0.0	1446.9
55.0	1.1	1.1	35.0	1.1	1.1	0.0	1447.0
55.5	1.1	1.1	35.0	1.1	1.1	0.0	1447.1
56.0	1.1	1.1	35.0	1.1	1.1	0.0	1447.2
56.5	1.1	1.1	35.0	1.1	1.1	0.0	1447.3
57.0	1.1	1.1	35.0	1.1	1.1	0.0	1447.4
57.5	1.1	1.1	35.0	1.1	1.1	0.0	1447.5
58.0	1.1	1.1	35.0	1.1	1.1	0.0	1447.6
58.5	1.1	1.1	35.0	1.1	1.1	0.0	1447.7
59.0	1.1	1.1	35.0	1.1	1.1	0.0	1447.8
59.5	1.1	1.1	35.0	1.1	1.1	0.0	1447.9
60.0	1.1	1.1	35.0	1.1	1.1	0.0	1448.0
60.5	1.1	1.1	35.0	1.1	1.1	0.0	1448.1
61.0	1.1	1.1	35.0	1.1	1.1	0.0	1448.2
61.5	1.1	1.1	35.0	1.1	1.1	0.0	1448.3
62.0	1.1	1.1	35.0	1.1	1.1	0.0	1448.4
62.5	1.1	1.1	35.0	1.1	1.1	0.0	1448.5
63.0	1.1	1.1	35.0	1.1	1.1	0.0	1448.6
63.5	1.1	1.1	35.0	1.1	1.1	0.0	1448.7
64.0	1.1	1.1	35.0	1.1	1.1	0.0	1448.8
64.5	1.1	1.1	35.0	1.1	1.1	0.0	1448.9
65.0	1.1	1.1	35.0	1.1	1.1	0.0	1449.0
65.5	1.1	1.1	35.0	1.1	1.1	0.0	1449.1
66.0	1.1	1.1	35.0	1.1	1.1	0.0	1449.2
66.5	1.1	1.1	35.0	1.1	1.1	0.0	1449.3
67.0	1.1	1.1	35.0	1.1	1.1	0.0	1449.4
67.5	1.1	1.1	35.0	1.1	1.1	0.0	1449.5
68.0	1.1	1.1	35.0	1.1	1.1	0.0	1449.6
68.5	1.1	1.1	35.0	1.1	1.1	0.0	1449.7
69.0	1.1	1.1	35.0	1.1	1.1	0.0	1449.8
69.5	1.1	1.1	35.0	1.1	1.1	0.0	1449.9
70.0	1.1	1.1	35.0	1.1	1.1	0.0	1450.0
70.5	1.1	1.1	35.0	1.1	1.1	0.0	1450.1
71.0	1.1	1.1	35.0	1.1	1.1	0.0	1450.2
71.5	1.1	1.1	35.0	1.1	1.1	0.0	1450.3
72.0	1.1	1.1	35.0	1.1	1.1	0.0	1450.4
72.5	1.1	1.1	35.0	1.1	1.1	0.0	1450.5
73.0	1.1	1.1	35.0	1.1	1.1	0.0	1450.6
73.5	1.1	1.1	35.0	1.1	1.1	0.0	1450.7
74.0	1.1	1.1	35.0	1.1	1.1	0.0	1450.8
74.5	1.1	1.1	35.0	1.1	1.1	0.0	1450.9
75.0	1.1	1.1	35.0	1.1	1.1	0.0	1451.0
75.5	1.1	1.1	35.0	1.1	1.1	0.0	1451.1
76.0	1.1	1.1	35.0	1.1	1.1	0.0	1451.2
76.5	1.1	1.1	35.0	1.1	1.1	0.0	1451.3
77.0	1.1	1.1	35.0	1.1	1.1	0.0	1451.4
77.5	1.1	1.1	35.0	1.1	1.1	0.0	1451.5
78.0	1.1	1.1	35.0	1.1	1.1	0.0	1451.6
78.5	1.1	1.1	35.0	1.1	1.1	0.0	1451.7
79.0	1.1	1.1	35.0	1.1	1.1	0.0	1451.8
79.5	1.1	1.1	35.0	1.1	1.1	0.0	1451.9
80.0	1.1	1.1	35.0	1.1	1.1	0.0	1452.0
80.5	1.1	1.1	35.0	1.1	1.1	0.0	1452.1
81.0	1.1	1.1	35.0	1.1	1.1	0.0	1452.2
81.5	1.1	1.1	35.0	1.1	1.1	0.0	1452.3
82.0</							







BLUE FOX STATION 512(1) CTD 16/APR/1976 1807 GHT CODE = 3
LAT = 72.7851M LMG = 137.2453M LTER = 2 UGER = 3
AIR TEMP = -24.6 BAROM = -24.6 WIND = 120.5 SPEED = 29.1

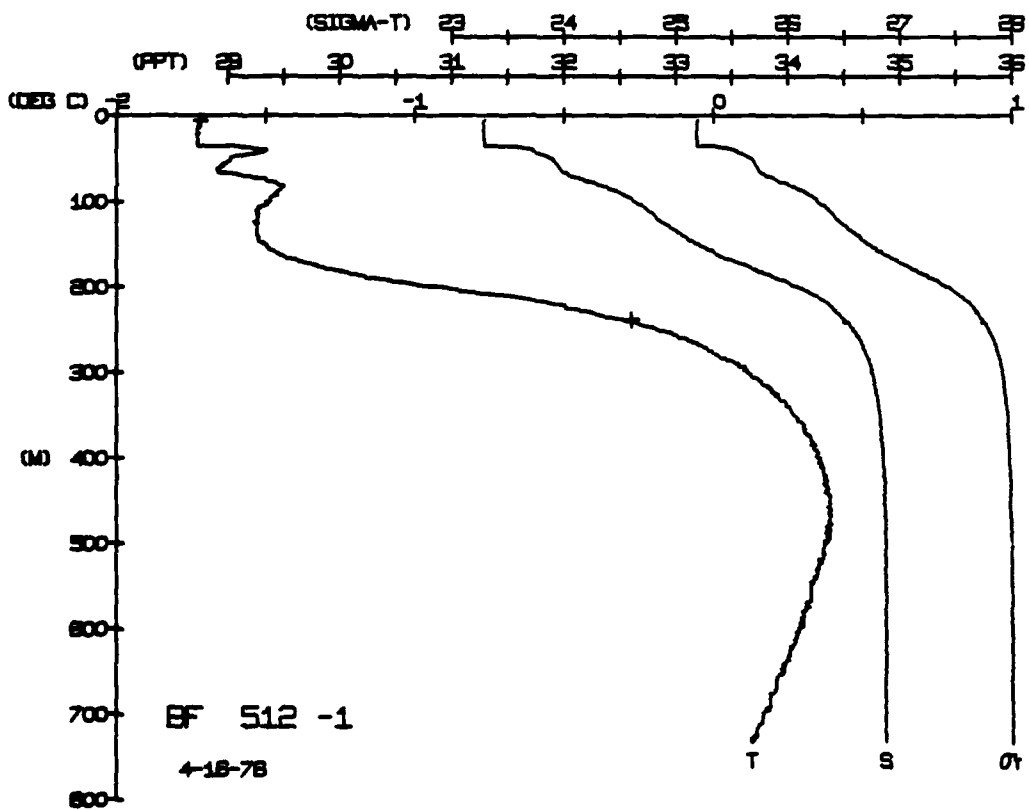
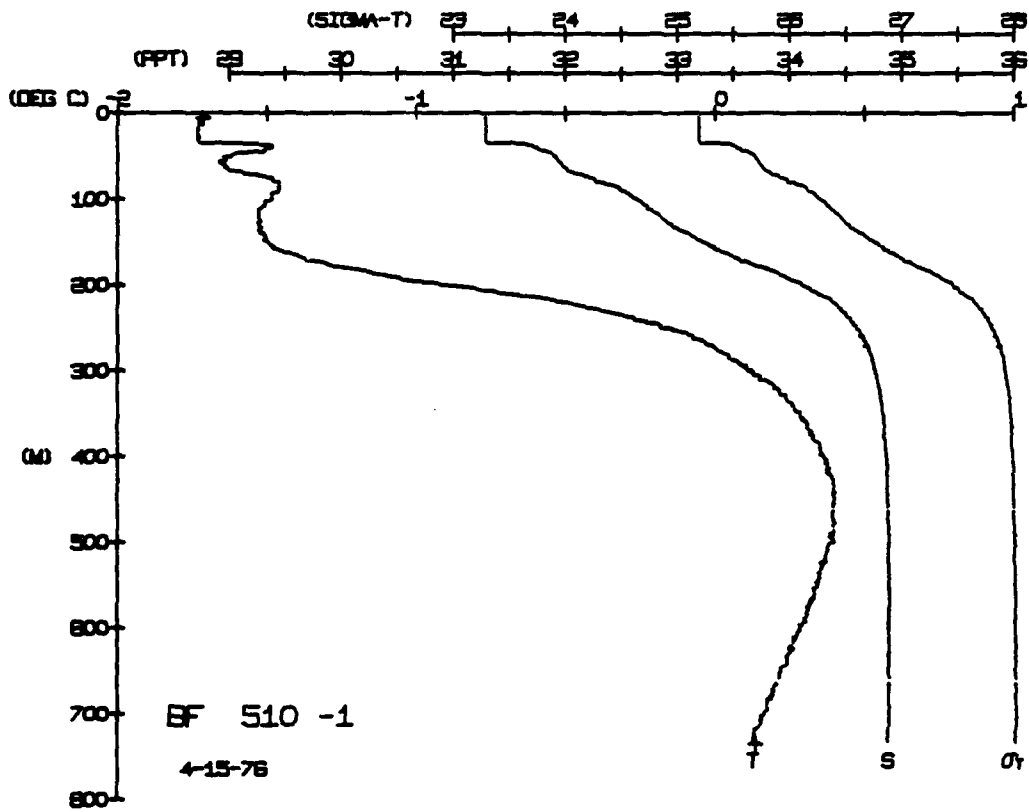
BLUE FOX STATION 510(1) CTD 15/APR/1976 1800 GHT CODE = 3
LAT = 72.7747M LMG = 137.3053M LTER = 0 UGER = 0
AIR TEMP = -15.2 BAROM = -15.2 WIND = 139.2 SPEED = 41.9

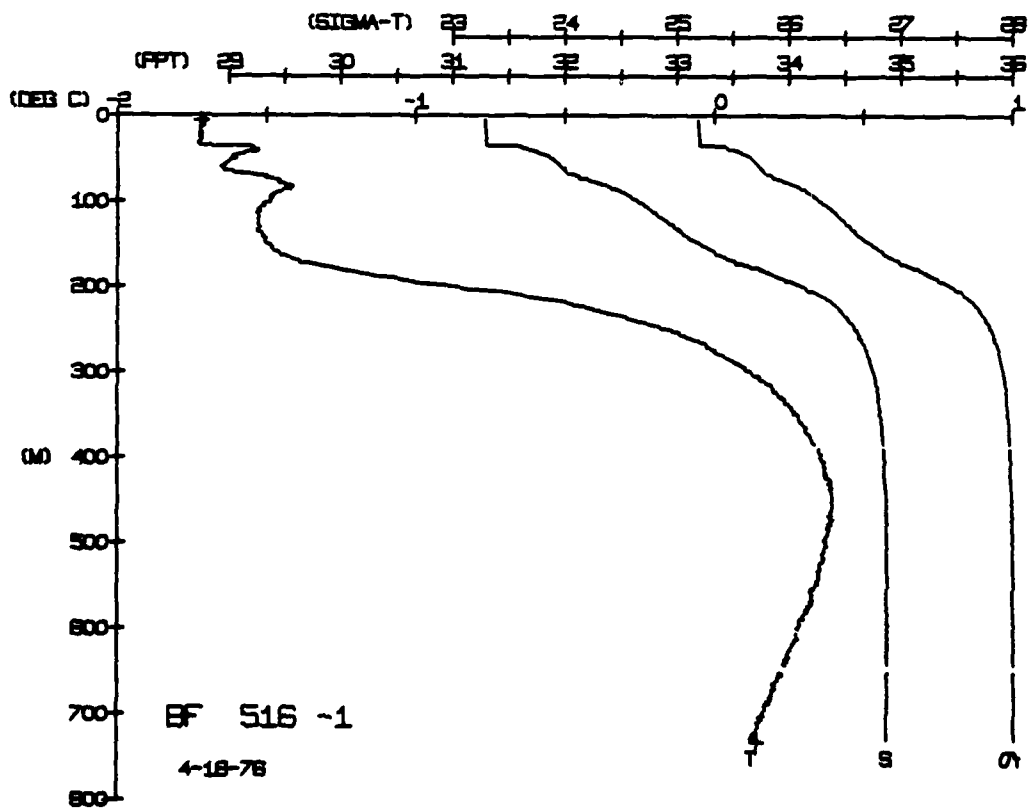
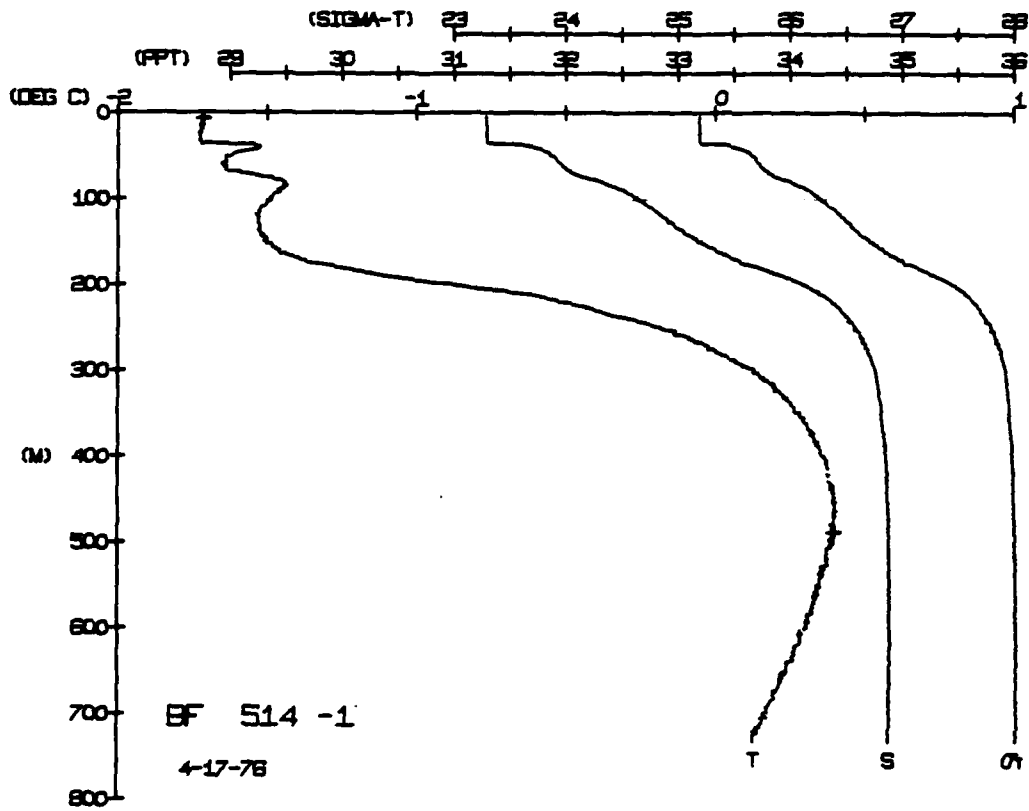
DEPTH	TEMP	PIEMP	SALIN	SIG T	SPVOL	DYHMT	SOUND
0	7.7	7.7	33.3	1.1	1.1	0.0	1436.0
5	7.7	7.7	33.3	1.1	1.1	0.0	1436.0
10	7.7	7.7	33.3	1.1	1.1	0.0	1436.0
15	7.7	7.7	33.3	1.1	1.1	0.0	1436.0
20	7.7	7.7	33.3	1.1	1.1	0.0	1436.0
25	7.7	7.7	33.3	1.1	1.1	0.0	1436.0
30	7.7	7.7	33.3	1.1	1.1	0.0	1436.0
35	7.7	7.7	33.3	1.1	1.1	0.0	1436.0
40	7.7	7.7	33.3	1.1	1.1	0.0	1436.0
45	7.7	7.7	33.3	1.1	1.1	0.0	1436.0
50	7.7	7.7	33.3	1.1	1.1	0.0	1436.0
55	7.7	7.7	33.3	1.1	1.1	0.0	1436.0
60	7.7	7.7	33.3	1.1	1.1	0.0	1436.0
65	7.7	7.7	33.3	1.1	1.1	0.0	1436.0
70	7.7	7.7	33.3	1.1	1.1	0.0	1436.0
75	7.7	7.7	33.3	1.1	1.1	0.0	1436.0
80	7.7	7.7	33.3	1.1	1.1	0.0	1436.0
85	7.7	7.7	33.3	1.1	1.1	0.0	1436.0
90	7.7	7.7	33.3	1.1	1.1	0.0	1436.0
95	7.7	7.7	33.3	1.1	1.1	0.0	1436.0
100	7.7	7.7	33.3	1.1	1.1	0.0	1436.0

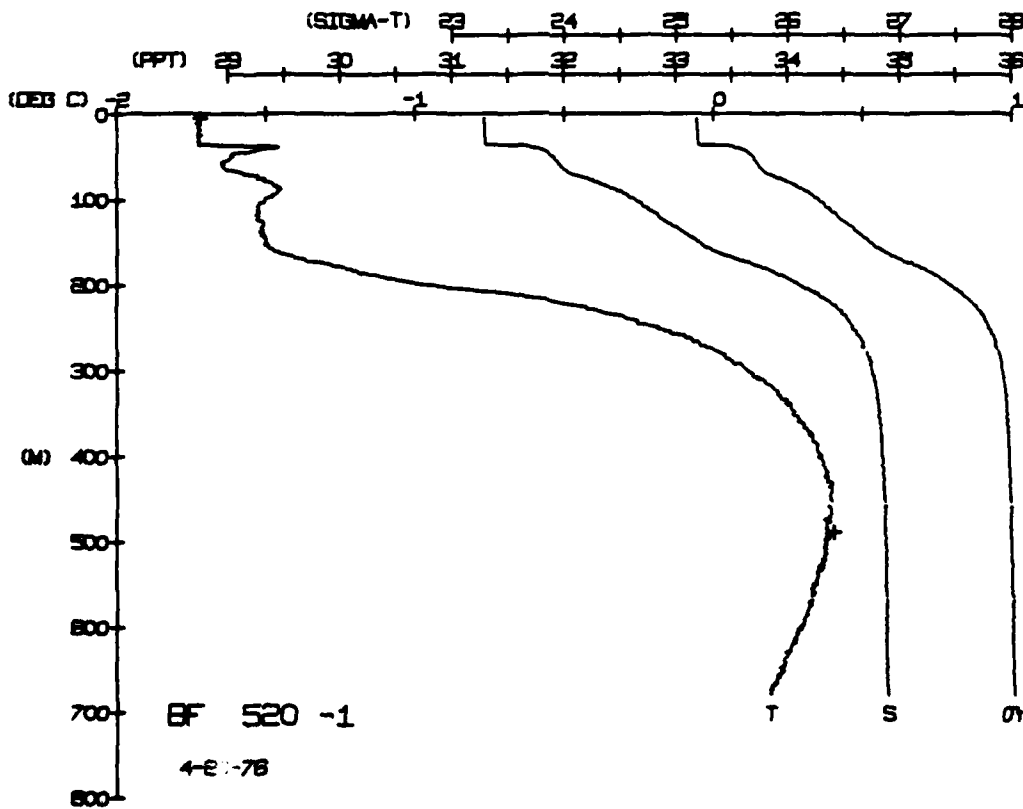
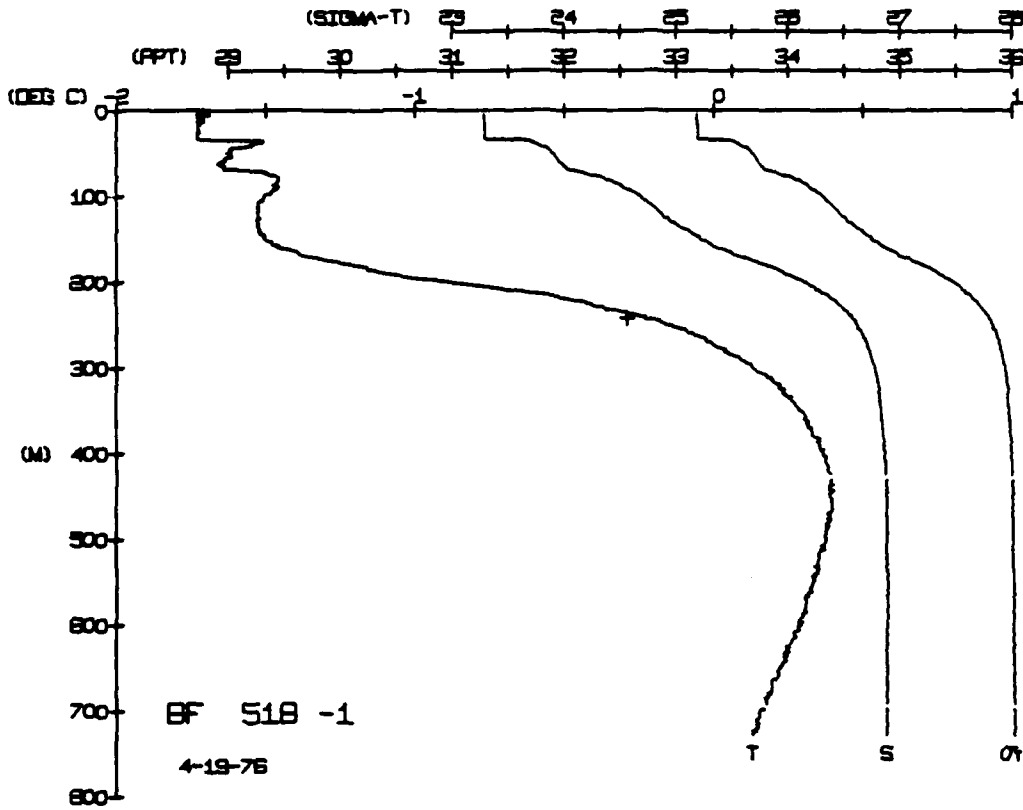
DEPTH 5.6
TEMP -1.72
SALIN -0.27

DEPTH	TEMP	PIEMP	SALIN	SIG T	SPVOL	DYHMT	SOUND
0	7.7	7.7	33.3	1.1	1.1	0.0	1436.0
5	7.7	7.7	33.3	1.1	1.1	0.0	1436.0
10	7.7	7.7	33.3	1.1	1.1	0.0	1436.0
15	7.7	7.7	33.3	1.1	1.1	0.0	1436.0
20	7.7	7.7	33.3	1.1	1.1	0.0	1436.0
25	7.7	7.7	33.3	1.1	1.1	0.0	1436.0
30	7.7	7.7	33.3	1.1	1.1	0.0	1436.0
35	7.7	7.7	33.3	1.1	1.1	0.0	1436.0
40	7.7	7.7	33.3	1.1	1.1	0.0	1436.0
45	7.7	7.7	33.3	1.1	1.1	0.0	1436.0
50	7.7	7.7	33.3	1.1	1.1	0.0	1436.0
55	7.7	7.7	33.3	1.1	1.1	0.0	1436.0
60	7.7	7.7	33.3	1.1	1.1	0.0	1436.0
65	7.7	7.7	33.3	1.1	1.1	0.0	1436.0
70	7.7	7.7	33.3	1.1	1.1	0.0	1436.0
75	7.7	7.7	33.3	1.1	1.1	0.0	1436.0
80	7.7	7.7	33.3	1.1	1.1	0.0	1436.0
85	7.7	7.7	33.3	1.1	1.1	0.0	1436.0
90	7.7	7.7	33.3	1.1	1.1	0.0	1436.0
95	7.7	7.7	33.3	1.1	1.1	0.0	1436.0
100	7.7	7.7	33.3	1.1	1.1	0.0	1436.0

DEPTH 6.0
TEMP -1.72
SALIN -0.14







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20. ABSTRACT (Continue on reverse side if necessary and identify by block number) A total of 1391 STD (CTD) stations were taken from four manned drifting ice camps in the Arctic Ocean during the Arctic Ice Dynamics Joint Experiment (AIDJEX) from April 1975 to April 1976. Profiles were taken at least one a day from the surface to 750 m at all camps and weekly casts to 3000 meters were taken at the main camp. Between casts all stations ran time series by hold- ing the sensor at a fixed depth within the pycnocline; however,		

these data are not discussed. Plessey Model 9040 STD units were used at all camps and data were simultaneously recorded digitally on magnetic tape and graphically on analog charts.

The profile data from the digital tapes were smoothed using a running average. The differing response times of the temperature and salinity sensors were corrected for thermal lag by varying a lag correction until one value gave nearly congruent traces on a T-S diagram for the descending and ascending parts of the cast. A salinity drift which occurred when the sensors were stopped for bottle sampling was also taken into account during data reduction.

Whenever the digital data logging (DDL) system failed to work properly, manually digitized analog traces provided data backup. These profiles, however, are not considered to be as accurate as those processed from tape.

Static calibration of the temperature, salinity, and depth sensors was provided by bottle and reversing thermometer data. Least squares, best-fit polynomials, whose dependent parameters were temperature (T) and depth (D), converted the observed data to final data. Preliminary data analysis has revealed unique features of the temperature and salinity structure in the Beaufort Sea. One of these features is a wintertime upper mixed layer between 25 and 60 m produced by brine convection beneath the freezing ice sheet. This layer changes from neutral to stable stratification in the summer when fresh water from melting snow and ice flows beneath the ice. Another feature is the step structure in both temperature and salinity at depths between 250 and 400 m. Individual steps are about 3 m in height. In this part of the Arctic Ocean there are mesoscale baroclinic eddies with unique temperature and salinity, as well as velocity signatures. These eddies are mostly found within the range of 50 to 400 meters. Deeper anomalies are observed to a depth of 700 meters, but because of the depth limitation of the STD, little is known about their lower structure.

This report pertains to the STD (CTD) data taken at the manned Camp Blue Fox. The STD data associated with the other three manned camps are in separate volumes (Bauer, et al, 1980). Profiling current meter (PCM) data to a maximum depth of 200 meters were taken concurrently at the four camps and are separately reported by Manley et al, 1980.

**DATA
FILM**